



June 29, 2000

United States Department of Interior  
Bureau of Land Management - Vernal District Office  
Attention: Margie Herrmann  
170 South 500 East  
Vernal, Utah 84078-2799

RE: Ashley Federal #6-12  
Ashley Federal #9-12  
Ashley Federal #10-12  
Ashley Federal #11-12  
Ashley Federal #12-12  
Ashley Federal #13-12  
Ashley Federal #14-12  
Ashley Federal #15-12  
Ashley Federal #16-12  
Section 12-T9S-R15E  
Duchesne County, Utah

Dear Ms. Herrmann:

Enclosed please find the nine Applications for Permits to Drill the Ashley Federal Unit wells listed above, submitted in triplicate, for your review and approval. The Archeological Survey for these wells is also enclosed in triplicate.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Joyce McGough  
Regulatory Technician

Enclosures: Form 3160-3 and attachments (3 copies of each)  
Archaeological Survey (3 copies of each)

cc: State of Utah  
Division of Oil, Gas & Mining  
✓ ATTN: Lisha Cordova  
1594 West North Temple - Suite 1210  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

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**JUL 03 2000**

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74826</b>
1b. TYPE OF WELL <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>SINGLE</b> <input type="checkbox"/> <b>MULTIPLE</b> <input checked="" type="checkbox"/> <b>ZONE</b> <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME <b>Ashley</b>
3. ADDRESS OF OPERATOR <b>410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102</b>		8. FARM OR LEASE NAME <b>Ashley Unit</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>NW/SW</b> At proposed Prod. Zone <b>1996.3' fsl and 565.1' fw1</b> <b>4432721 N</b> <b>569328 E</b>		9. WELL NO. <b>12-12</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 13.9 miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Ashley</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx. 565.1'</b>	16. NO. OF ACRES IN LEASE <b>2189.98</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 12, T9S, R15E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1425.3'</b>	19. PROPOSED DEPTH <b>6500'</b>	12. COUNTY <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6022.6' GR</b>		13. STATE <b>Utah</b>
22. APPROX. DATE WORK WILL START* <b>4th Quarter, 2000</b>		
23. PROPOSED CASING AND CEMENTING PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT
SETTING DEPTH	QUANTITY OF CEMENT	
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>		

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval for Application of Permit to Drill are also attached.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joyce McGough TITLE Regulatory Technician DATE June 28, 2000  
Joyce McGough

(This space for Federal or State office use)

PERMIT NO. 43013-32174 APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL DATE 7/13/00  
RECLAMATION SPECIALIST III

Federal Approval of this  
Action is Necessary

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**T9S, R15E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, ASHLEY UNIT #12-12-9-15,  
LOCATED AS SHOWN IN THE NW 1/4 SW 1/4  
OF SECTION 12, T9S, R15E, S.L.B.&M.  
DUCESNE COUNTY, UTAH.

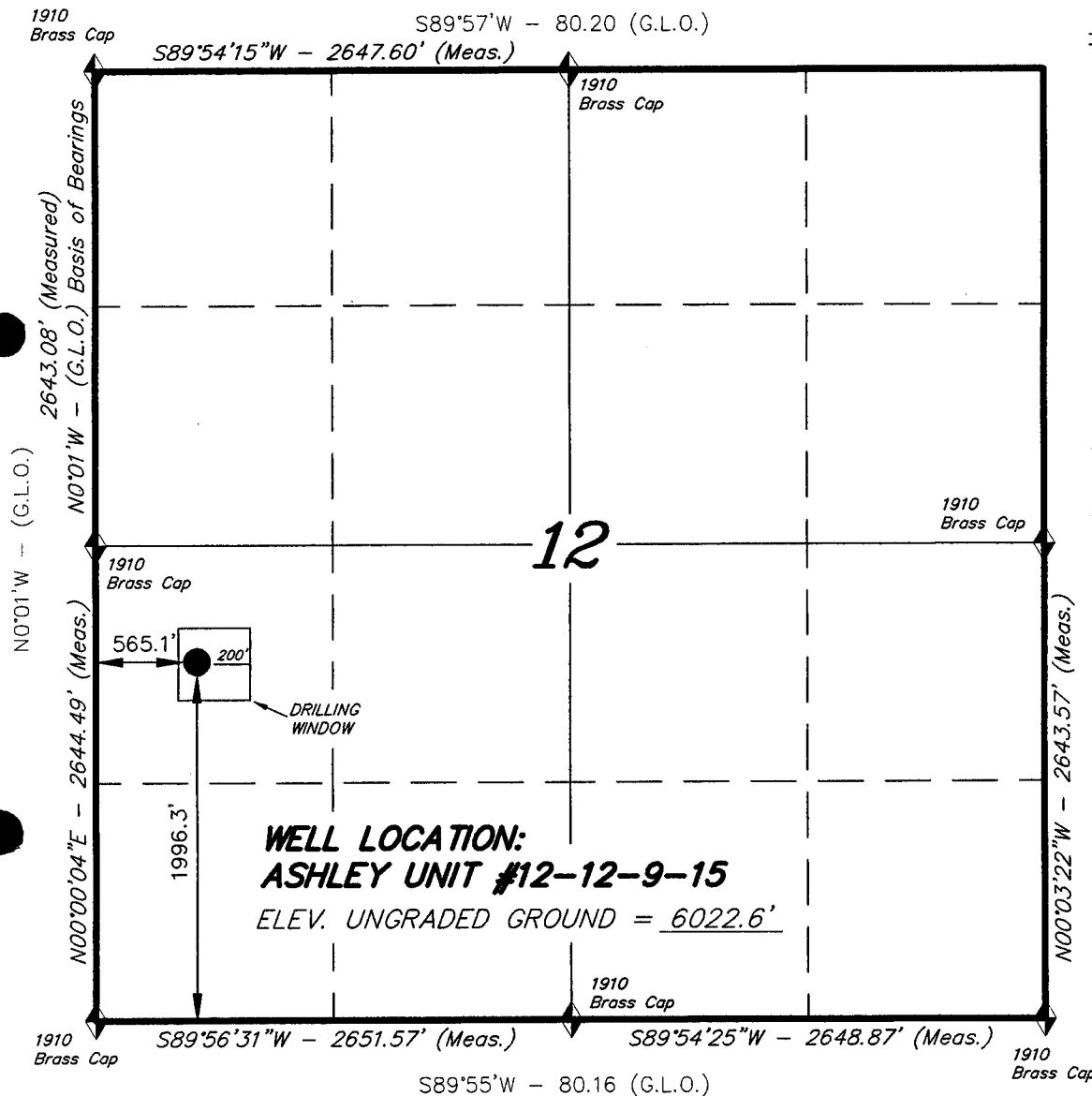
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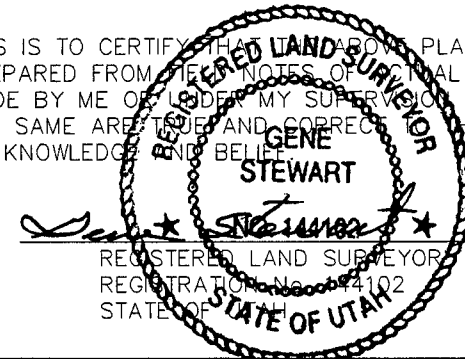


NORTH - (G.L.O.)



**WELL LOCATION:**  
**ASHLEY UNIT #12-12-9-15**  
ELEV. UNGRADED GROUND = 6022.6'

THIS IS TO CERTIFY THAT ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**  
38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 6-8-00	WEATHER: FAIR
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

INLAND PRODUCTION COMPANY  
Ashley Unit #12-12-9-15  
NW SW Section 12, T9S, R15E  
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta Formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 – 2720'
Green River	2720'
Wasatch	6180'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2720' – 6500' – Oil

4. PROPOSED CASING PROGRAM:

Please refer to the Monument Butte Field SOP.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

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INLAND PRODUCTION COMPANY  
Ashley Unit #12-12-9-15  
NW SW Section 12, T9S, R15E  
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site (Ashley Unit #12-12-9-15) located in the NW SW of Section 12, T9S, R15E, Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 approximately 1.6 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with an existing road to the southwest. Proceed southwesterly and southerly for 6.2 miles to its junction with an existing road to the west; proceed westerly and then southwesterly for 2.4 miles to the beginning of the proposed access road. Follow the flags northwesterly for 0.3 miles to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D"

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP. See Exhibit "E".

8. ANCILLARY FACILITIES:

Please refer to the Monument Butte Field SOP.

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INLAND PRODUCTION COMPANY  
Ashley Unit #12-12-9-15  
NW SW Section 12, T9S, R15E  
Duchesne County, Utah

9. **WELL SITE LAYOUT:**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

10. **PLANS FOR RESTORATION OF SURFACE:**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP:** Bureau of Land Management

12. **OTHER ADDITIONAL INFORMATION:**

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests a 60' ROW for the Ashley Unit #12-12-9-15 to allow for construction of a 6" poly gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C".

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

**Representative:**

Name: Joyce I. McGough  
Address: 410 Seventeenth Street  
Suite 700  
Denver, CO 80202  
Telephone: (303) 893-0102

**Certification**

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well Ashley Unit #12-12-9-15; NW SW Section 12, T9S, R15E, Lease #UTU-74826, Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

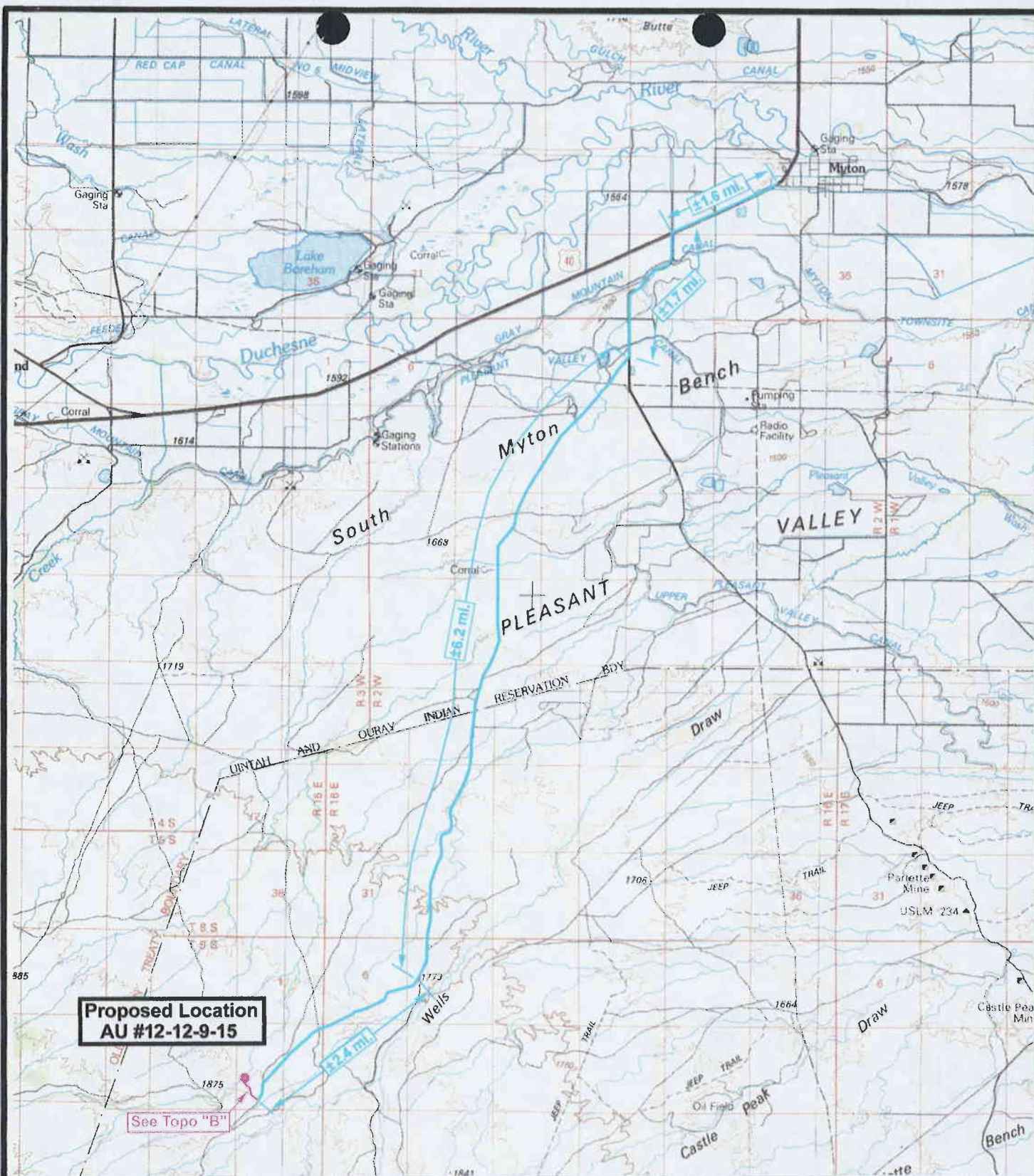
6/28/00  
Date

Joyce I. McGough  
Joyce I. McGough  
Regulatory Technician

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**Proposed Location  
AU #12-12-9-15**

See Topo "B"



**ASHLEY UNIT #12-12-9-15  
SEC. 12, T9S, R15E, S.L.B.&M.  
TOPOGRAPHIC MAP "A"**



**Drawn By: SS**

**Revision:**

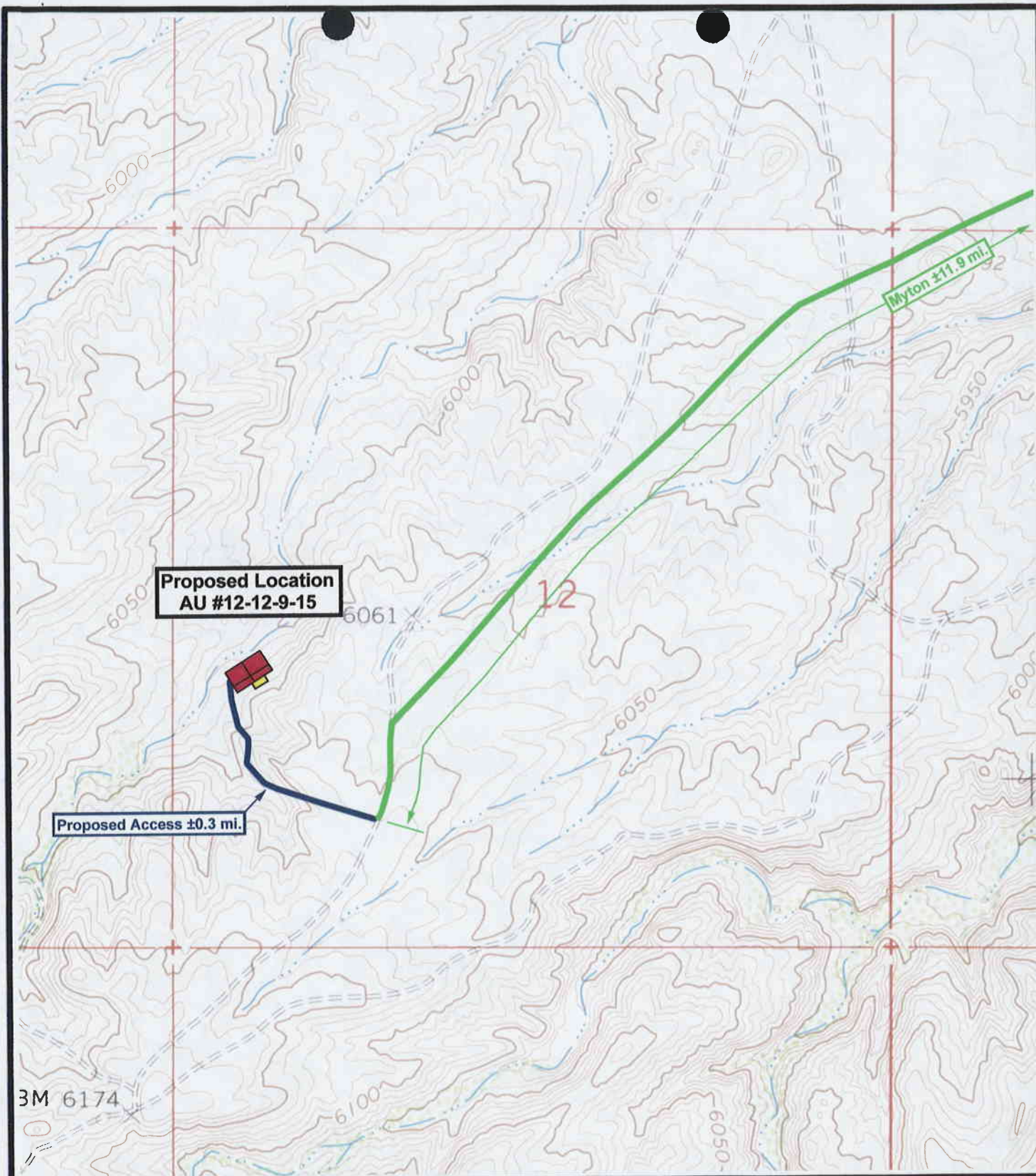
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**File:**

**Date: 6-12-00**

**Tri-State Land Surveying Inc.  
P.O. Box 533, Vernal, UT 84078  
435-781-2501 Fax 435-781-2518**





**ASHLEY UNIT #12-12-9-15  
SEC. 12, T9S, R15E, S.L.B.&M.  
TOPOGRAPHIC MAP "B"**



**Drawn By: SS**

**Revision: 12-15-99**

**Scale: 1" = 1000'**

**File:**

**Date: 6-5-00**

**Tri-State Land Surveying Inc.  
P.O. Box 533, Vernal, UT 84078  
435-781-2501 Fax 435-781-2518**












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### Well Categories

-  INJ
-  WTR
-  SWD
-  OIL
-  GAS
-  DRY
-  SHUTIN
-  SUSPENDED
-  ABND
-  Injection Stations
-  Unit Sections



410 17<sup>th</sup> Street Suite 700  
Denver, Colorado 80202  
Phone: (303) 893-0102

# UINTA BASIN

Duchene & Uintah Counties, Utah

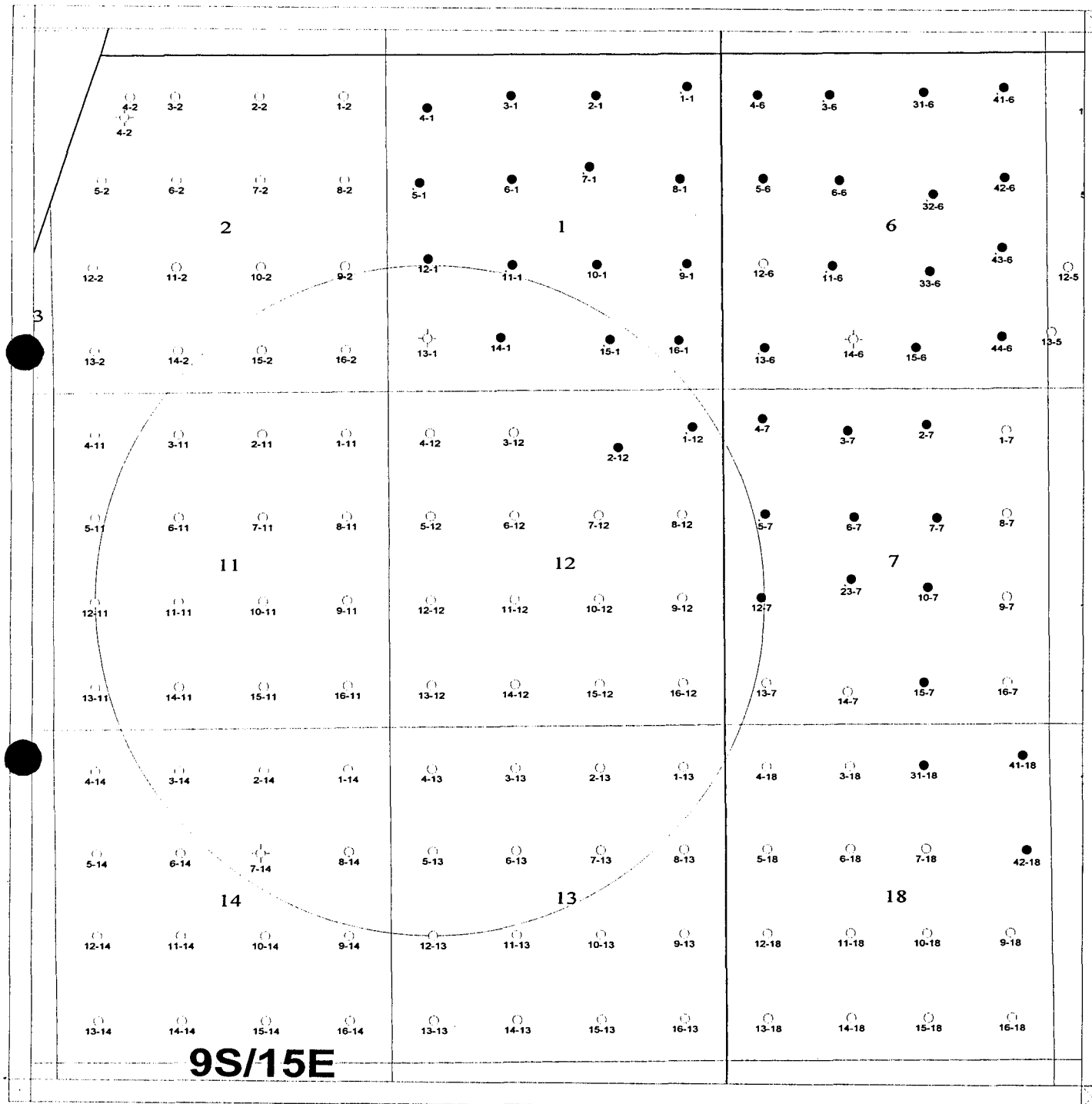
Date: 11-15-99

44

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OIL, GAS AND MINING



**EXHIBIT D**

Inland Resources Inc.

One Mile Radius  
Ashley Federal 12-12

Joyce McGough

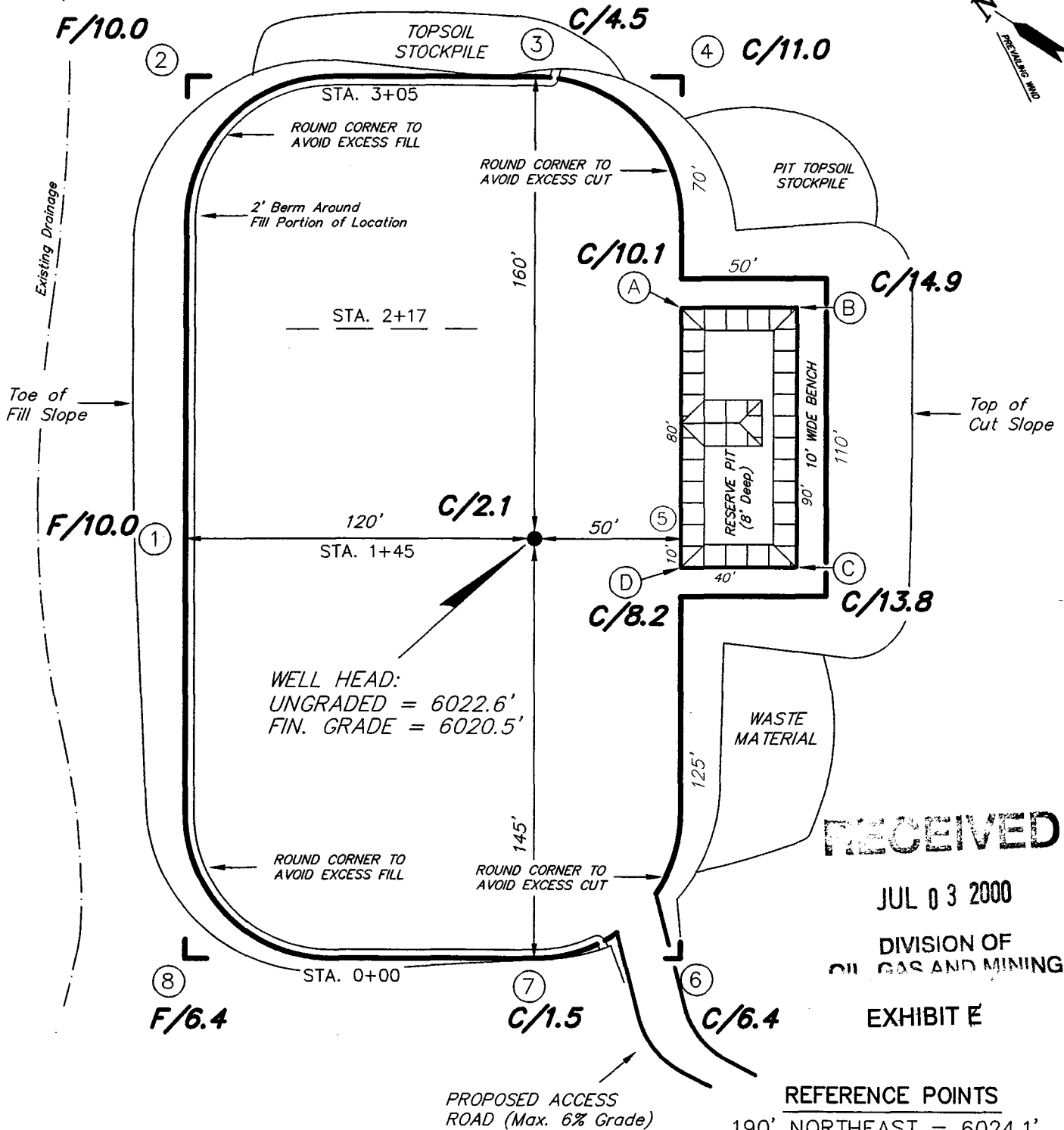
(SEC Parameters)

06/27/2000

Scale 1:28000

# INLAND PRODUCTION COMPANY

ASHLEY UNIT 12-12-9-15  
SEC. 12, T9S, R15E, S.L.B.&M.



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EXHIBIT E

## REFERENCE POINTS

190' NORTHEAST = 6024.1'  
215' NORTHEAST = 6024.6'  
118' SOUTHEAST = 6039.4'  
142' SOUTHEAST = 6042.9'

SURVEYED BY: G.S.

SCALE: 1" = 50'

DRAWN BY: B.J.S.

DATE: 6/8/00

Tri State  
Land Surveying, Inc.

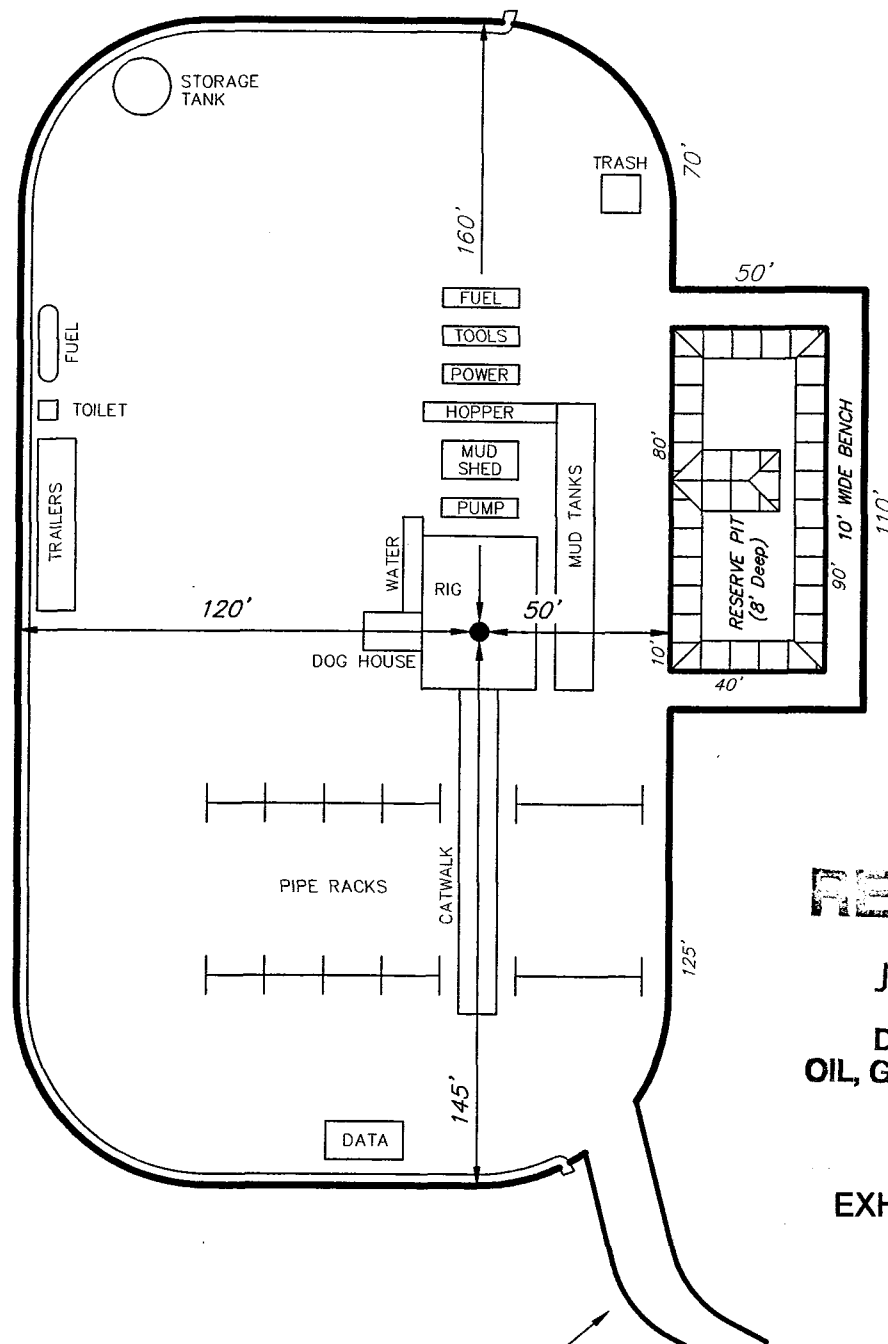
(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 12-12-9-15



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EXHIBIT E

PROPOSED ACCESS  
ROAD (Max. 6% Grade)

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

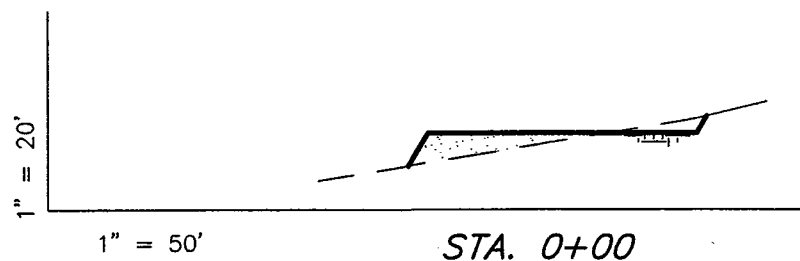
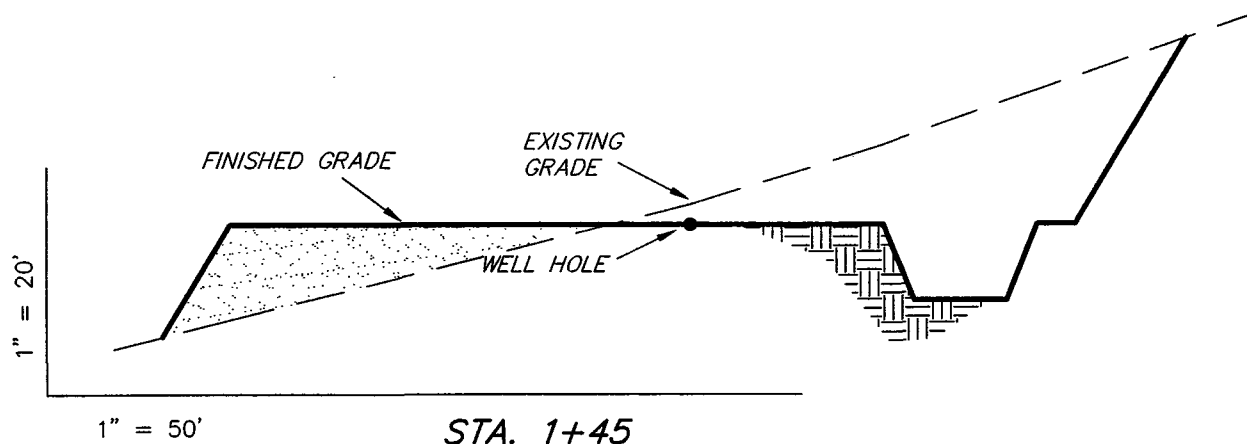
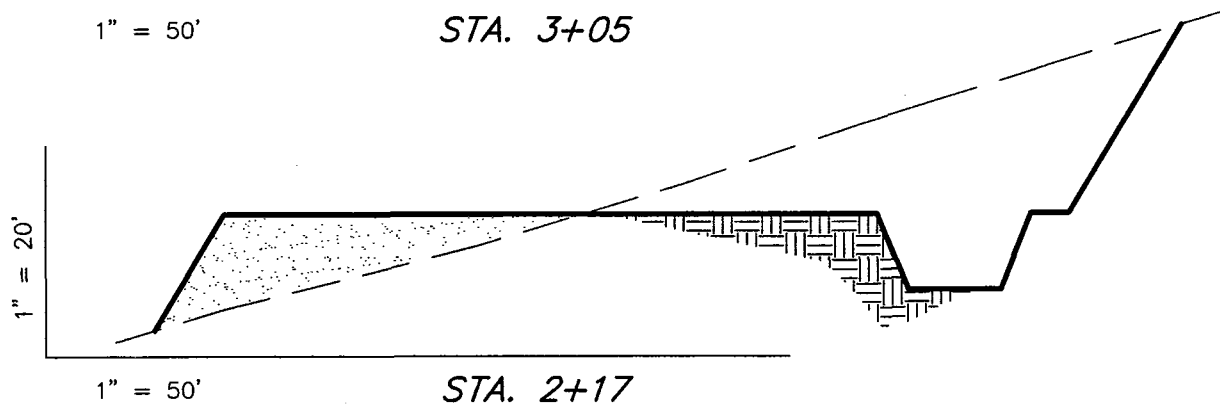
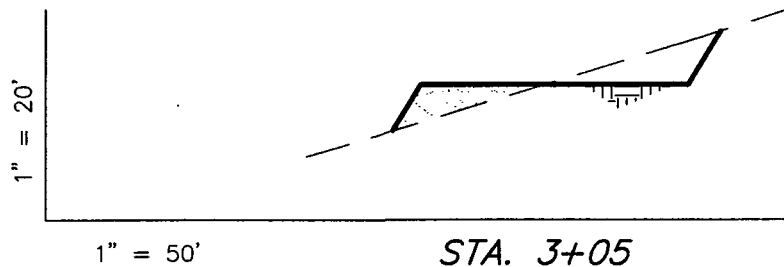
38 WEST 100 NORTH, VERNAL, UTAH 84078



# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 12-12-9-15



#### APPROXIMATE YARDAGES

CUT = 6,670 Cu. Yds.

FILL = 6,670 Cu. Yds.

PIT = 920 Cu. Yds.

6" TOPSOIL = 1,060 Cu. Yds.

EXHIBIT E-1

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OIL, GAS AND MINING

SURVEYED BY: G.S.

SCALE: 1" = 50'

DRAWN BY: B.J.S.

DATE: 9/8/00

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

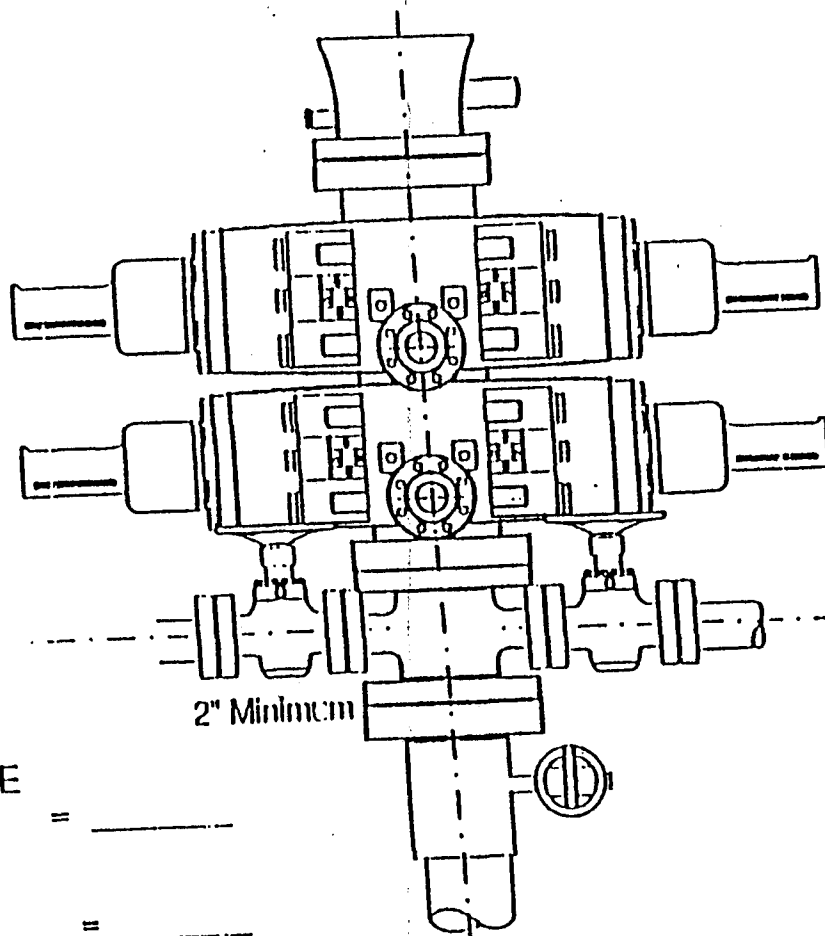
D.O.P.

## 2-M SYSTEM

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2" Minimum

2" Minimum

2" Minimum

2" Minimum

● CLOSE  
ar BOP = \_\_\_\_\_  
ype BOP  
rams x \_\_\_\_\_ = \_\_\_\_\_  
= \_\_\_\_\_ Gal.  
\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

iding off to the next higher  
ment of 10 gal. would require  
... Gal. (total fluid & nitro volume)

EXHIBIT F

Well No.: Ashley 12-12-9-15

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley 12-12-9-15

API Number:

Lease Number: UTU-74826

Location: NWSW Sec. 12, T9S, R15E

**GENERAL**

Access road will enter well pad from the SW, branching off of an existing two-track road to the SE (see attached Topographic Map B).

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**No construction or surface disturbing activity will be allowed within 50 feet of the dry wash running NE/SW.**

**WILDLIFE AND FISHERIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

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**SAGE GROUSE:** No new construction or surface disturbing activities will be allowed between March 1 and June 30 due to the location's proximity (2 mile radius) to Sage Grouse strutting grounds.

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

**OTHER**

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**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/03/2000

API NO. ASSIGNED: 43-013-32174

WELL NAME: ASHLEY UNIT 12-12

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: JOYCE MCGOUGH

PHONE NUMBER: 303-893-0102

**PROPOSED LOCATION:**

NWSW 12 090S 150E

SURFACE: 1996 FSL 0565 FWL

BOTTOM: 1996 FSL 0565 FWL

DUCHESNE

UNDESIGNATED ( 2 )

LEASE TYPE: 1-Federal

LEASE NUMBER: UTU-74826

SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

**RECEIVED AND/OR REVIEWED:**

☒ Plat  
☒ Bond: Fed[☒] Ind[] Sta[] Fee[]  
(No. 4488944 )  
N Potash (Y/N)  
N Oil Shale (Y/N) \*190 - 5 (B)  
☒ Water Permit  
(No. MUNICIPAL )  
N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
N/A Fee Surf Agreement (Y/N)

**LOCATION AND SITING:**

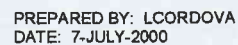
\_\_\_\_ R649-2-3. Unit Ashley  
\_\_\_\_ R649-3-2. General  
Siting: \_\_\_\_\_  
\_\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-98  
Siting: 400' fr. Unit Boundary  
\_\_\_\_ R649-3-11. Directional Drill

**COMMENTS:**

STIPULATIONS: ① FEDERAL APPROVAL



COUNTY: DUCHESNE UNIT: ASHLEY  
CAUSE: 242-1 / ENH REC



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

July 11, 2000

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2000 Plan of Development Ashley Unit,  
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2000 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
43-013-32170	Ashley Unit 6-12	Sec. 12, T9S, R15E 1996 FNL 2121 FWL
43-013-32171	Ashley Unit 9-12	Sec. 12, T9S, R15E 1790 FSL 0470 FEL
43-013-32172	Ashley Unit 10-12	Sec. 12, T9S, R15E 2007 FSL 1899 FEL
43-013-32173	Ashley Unit 11-12	Sec. 12, T9S, R15E 1859 FSL 1990 FWL
43-013-32174	Ashley Unit 12-12	Sec. 12, T9S, R15E 1996 FSL 0565 FWL
43-013-32175	Ashley Unit 13-12	Sec. 12, T9S, R15E 0467 FSL 0644 FWL
43-013-32176	Ashley Unit 14-12	Sec. 12, T9S, R15E 0485 FSL 1911 FWL
43-013-32177	Ashley Unit 15-12	Sec. 12, T9S, R15E 0747 FSL 2046 FEL
43-013-32178	Ashley Unit 16-12	Sec. 12, T9S, R15E 0915 FSL 0646 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:7-11-00

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State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

July 13, 2000

Inland Production Company  
410 Seventeenth St, Suite 700  
Denver, CO 80202

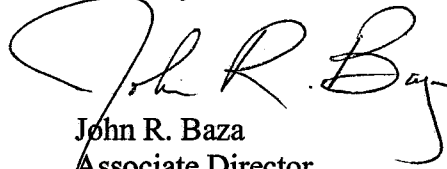
Re: Ashley Unit 12-12 Well, 1996' FSL, 565' FWL, NW SW, Sec. 12, T. 9 South, R. 15 East,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32174.

Sincerely,



John R. Baza  
Associate Director

er  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office



**Operator:** Inland Production Company  
**Well Name & Number** Ashley Unit 12-12  
**API Number:** 43-013-32174  
**Lease:** UTU-74826

**Location:** NW SW      **Sec.** 12      **T.** 9 South      **R.** 15 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input type="checkbox"/> <b>DEEPEN</b> <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74826</b>	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME <b>Ashley</b>	
3. ADDRESS OF OPERATOR <b>410 - 17th Street, Suite 700, Denver, CO 80202</b> Phone: <b>(303) 893-0102</b>		8. FARM OR LEASE NAME <b>Ashley Unit</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>NW/SW</b> At proposed Prod. Zone <b>1996.3' fsl and 565.1' fwl</b>		9. WELL NO. <b>12-12</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 13.9 miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Ashley</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>Approx. 565.1'</b>	16. NO. OF ACRES IN LEASE <b>2189.98</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 12, T9S, R15E</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>	12. COUNTY <b>Duchesne</b>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1425.3'</b>	19. PROPOSED DEPTH <b>6500'</b>	13. STATE <b>Utah</b>	
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		21. APPROX. DATE WORK WILL START* <b>4th Quarter, 2000</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6022.6' GR</b>		22. APPROX. DATE WORK WILL START* <b>4th Quarter, 2000</b>	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
QUANTITY OF CEMENT			
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>			

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval for Application of Permit to Drill are also attached.

RECEIVED  
JUL 03 2000IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.24. SIGNED Joyce D. McGough TITLE Regulatory Technician DATE June 28, 2000  
Joyce McGough

(This space for Federal or State office use)

## NOTICE OF APPROVAL

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Theresa B. Clauges TITLE Assistant Field Manager DATE 02/01/01  
Mineral Resources

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 12-12

API Number: 43-013-32174

Lease Number: U -74826

Location: NWSW Sec. 12 T. 9S R. 15E

Agreement: Ashley Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 508$  ft.

SURFACE USE PROGRAM  
Conditions of Approval (COA)  
Inland Production Company - Well No. 12-12-9-15

Plans For Reclamation of Location:

All seeding for reclamation operations at this location shall use the following seed mixture:

black sage brush	Artemisia nova	4 lbs/acre
shadscale	Atriplex confertifolia	4 lbs/acre
blue gramma grass	Bouteloua gracilis	4 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

Other:

Installation of the surface gas line will required the same wildlife requirements as construction and drilling to reduce disturbance to sage grouse, burrowing owl and mountain plover.

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

**1. SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
**INLAND PRODUCTION COMPANY**

3. ADDRESS AND TELEPHONE NUMBER  
**Rt. 3 Box 3630, Myton Utah 84052  
435-646-3721**

4. LOCATION OF WELL  
Footages **1996 FSL 565 FWL**  
QQ, SEC. T. R. M: **NW/SW Section 12, T09S R15**

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-74826**

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**ASHLEY**

8. WELL NAME and NUMBER  
**ASHLEY FEDERAL 12-12-9-15**

9. API NUMBER  
**43-013-32174**

10. FIELD AND POOL, OR WILDCAT  
**MONUMENT BUTTE**

COUNTY **DUCHESNE**  
STATE **UTAH**

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

**NOTICE OF INTENT:**

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> ABANDON                                  | <input type="checkbox"/> NEW CONSTRUCTION     |
| <input type="checkbox"/> REPAIR CASING                            | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS                          | <input type="checkbox"/> RECOMPLETE           |
| <input type="checkbox"/> CONVERT TO INJECTION                     | <input type="checkbox"/> REPERFORATE          |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE                | <input type="checkbox"/> VENT OR FLARE        |
| <input type="checkbox"/> MULTIPLE COMPLETION                      | <input type="checkbox"/> WATER SHUT OFF       |
| <input checked="" type="checkbox"/> OTHER <u>Permit Extension</u> |   |

**SUBSEQUENT REPORT OF:**

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> ABANDON*                  | <input type="checkbox"/> NEW CONSTRUCTION     |
| <input type="checkbox"/> REPAIR CASING             | <input type="checkbox"/> PULL OR ALTER CASING |
| <input type="checkbox"/> CHANGE OF PLANS           | <input type="checkbox"/> RECOMPLETE           |
| <input type="checkbox"/> CONVERT TO INJECTION      | <input type="checkbox"/> REPERFORATE          |
| <input type="checkbox"/> FRACTURE TREAT OR ACIDIZE | <input type="checkbox"/> VENT OR FLARE        |
| <input type="checkbox"/> OTHER _____               |   |

DATE WORK COMPLETED \_\_\_\_\_

Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

**Inland Production Company requests to extend the permit to drill this well for one year.**

13. NAME AND SIGNATURE Mandi Crozier TITLE Permit Clerk DATE 7/17/01

(This space for State use only)

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

SENT TO OPERATOR  
7-30-01  
CHD

Date: 07/23/01  
By: [Signature]

DIVISION OF  
OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: ASHLEY UNIT 12-12

Api No. 43-013-32174 LEASE TYPE: FEDERAL

Section 12 Township 09S Range 15E County DUCHESNE

Drilling Contractor LEON ROSS RIG # 14

SPUDDED:

Date 07//24/2001

Time

How DRY

Drilling will commence

Reported by PAT WISENER - 7/23/01

Telephone # 1-435-823-7468

Date 07/25/2001 Signed: CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒

Oil  
Well

☐

Gas  
Well

☐

Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1996.3' FSL & 565.1' F NW/SW Sec.12, T9S, R15E**

5. Lease Designation and Serial No.

# **UTU-74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

# **Ashley Unit**

8. Well Name and No.

# **A. F. 12-12-9-15**

9. API Well No.

# **43-013-32174**

10. Field and Pool, or Exploratory Area

# **Monument Butte**

11. County or Parish, State

# **Duchesne, Utah.**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

**Spud**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 7/30/01 MIRU Ross #14. Drill 305' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 305.98'/KB On 7/31/01 cement with 200 sks of Class "G" w/ 2% CaCL<sub>2</sub> + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 5 bbls cement returned to surface. WOC.

RECEIVED

AUG 1 2001

DIVISION OF  
OIL, GAS AND LEASING

14. I hereby certify that the foregoing is true and correct

Signed

*Pat Wisener*  
Pat Wisener

Title

**Drilling Foreman**

Date

**08/01/2001**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 305.98

LAST CASING 8 5/8" SET AT 305.98'  
 DATUM 10' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 305' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Ashley Federal 12-12-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross #14

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		42.30'shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	295.13
		<b>GUIDE</b> shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	296.98
TOTAL LENGTH OF STRING	296.98	7	LESS CUT OFF PIECE	1
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	10
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	<b>305.98</b>

TOTAL	295.13	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	297.67	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	SPUD	07/24/2001	GOOD CIRC THRU JOB	yes
CSG. IN HOLE	8:00am		Bbls CMT CIRC TO SURFACE	5 bbls cement to pit
BEGIN CIRC			RECIPROCATED PIPE FOR	THRU FT STROKE
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ?	N/A
BEGIN DSPL. CMT			BUMPED PLUG TO	230 PSI
PLUG DOWN	Cemented	07/31/2001		

CEMENT USED	CEMENT COMPANY-	BJ
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	200	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING	DIVISION OF
Centralizers - Middle first, top second & third for 3		OIL, GAS AND MINING

COMPANY REPRESENTATIVE Pat Wisener DATE 07/31/2001

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY

ADDRESS RT. 3 BOX 3630

MYTON, UT 84052

OPERATOR ACCT NO

N5160

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12419	43-013-32174	Ashley #12-12-9-15	NW/SW	12	9S	15E	Duchesne	July 24, 2001	8-20-01 07/24/01

WELL 1 COMMENTS

8-20-01

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12419	43-013-32177	Ashley #15-12-9-15	SW/SE	12	9S	15E	Duchesne	July 27, 2001	8-20-01 07/27/01

WELL 2 COMMENTS

8-20-01

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12391	43-013-32247	Boundary #16-27-8-17	SE/SE	27	8S	17E	Duchesne	August 2, 2001	8-20-01 08/02/01

WELL 3 COMMENTS

8-20-01

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12391	43-013-32277	Boundary #8-34-8-17	SE/SE	34	8S	17E	Duchesne	August 9, 2001	8-20-01 08/09/01

WELL 4 COMMENTS

8-20-01

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group of wells)
- C - Reassign well from one existing entity to another existing entity
- D - Reassign well from one existing entity to a new entity
- E - Cancel (deactivate) entire well section

NOTE: Use COMMENT section to explain why last Action Code was selected

(3/99)

Signature

Kebba S. Jones

Production Clerk

August 10, 2001

Title

Date

P. 02

FAX NO. 435 846 3031

INLAND PRODUCTION CO

HUG-1U-U1 FRI 08:56 AM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1996.3' FSL & 565.1' FwL NW/SW Sec.12, T9S, R15E**

5. Lease Designation and Serial No.

**# UTU- 74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**# Ashley**

8. Well Name and No.

**# Ashley Fed. 12-12-9-15**

9. API Well No.

**# 43-013-32174**

10. Field and Pool, or Exploratory Area

**# Monument Butte**

11. County or Parish, State

**# Duchesne, Utah.**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Weekly Status report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**Weekly Status Report for the period of 9/09/02 thru 9/16/02.**

ON 9/09/02. MIRU Union # 14. Set equipment. Nipple up. Test BOP's, Choke manifold, Kelly, TIW. To 2,000 psi. Test 85/8" csgn to 1,500 psi. State office of DOGM & Vernal BLM was notified of the test. PU & MU bit # 1, MM & BHA. Tag cement @ 243'. Drill 77/8" hole with air mist to a depth of 2939'. PU & MU bit #2, MM, & BHA. Drill 77/8" hole with water based mud to a depth of 6000'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 134 jt's J-55 15.5 # 51/2" csgn. Set @ 5999'/KB. Cement with 450\* sks. 50/50 POZ w/ 3% KCL, 1/4#sk Cello-Flake, 2% Gel, .3%SMS, .05#sk Static free, Mixed @ 14.4 ppg >1.24 YLD. Then 300\* sks Prem Litell w/ 3% KCL, 2#/sk Kolseal, 10% Gel, .5SMS, 3#sk CSE, mixed @ 11.0ppg >3.49. Good returns thru job with 8 bbls of cement returned to pit. Set slips with 90,000# tension. Nipple down BOP's. Release rig @ 2:30pm on 9/17/02.

**RECEIVED**

**SEP 20 2002**

14. I hereby certify that the foregoing is true and correct

Signed

**Pat Wisener**

Title

**Drilling Foreman**

**DIVISION OF**

**OIL GAS AND MINING**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5999.95

Fit cllr @ 5982'

LAST CASING 8 5/8" SET AT 305.98'

OPERATOR Inland Production Company

DATUM 10' KB

WELL Ashley fed 12-12-9-15

DATUM TO CUT OFF CASING \_\_\_\_\_

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE \_\_\_\_\_

CONTRACTOR & RIG # Union # 14

TD DRILLER 6000' LOGGER 6001'

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		11.13' Flag Jt @ 4165'					
134	5 1/2"	Newport LT & C casing	15.5#	J-55	8rd	A	5983.7
		Float collar					0.6
1	5 1/2"	Newport LT&C csg	15.5#	J-55	8rd	A	17
		<b>GUIDE</b> shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	6001.95
TOTAL LENGTH OF STRING	6001.95	135	LESS CUT OFF PIECE	12
LESS NON CSG. ITEMS	1.25		PLUS DATUM TO T/CUT OFF CSG	10
PLUS FULL JTS. LEFT OUT			CASING SET DEPTH	<b>5999.95</b>
TOTAL	<b>6000.70</b>	135	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	6000.7	135		
TIMING	1ST STAGE	2nd Stage		
BEGIN RUN CSG.	4:30pm		GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	9:00pm		Bbls CMT CIRC TO SURFACE	8
BEGIN CIRC	8:40pm		RECIPROCATED PIPE 15 mins	THRU 6' STROKE
BEGIN PUMP CMT	9:51pm		DID BACK PRES. VALVE HOLD ?	Yes
BEGIN DSPL. CMT	10:49pm		BUMPED PLUG TO	1580 PSI
PLUG DOWN	plug down	11:15pm		

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	300	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE+ 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING

Centralizers - Middle first, top second & third. Then every third collar for a total of 20.

SEP 20 2002

DIVISION OF  
OIL, GAS AND MINING

COMPANY REPRESENTATIVE Ray Herrera

DATE 09/16/2002

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1996 FSL 565 FWL NW/SW Section 12, T9S R15E**

5. Lease Designation and Serial No.

**UTU-74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY FED 12-12**

9. API Well No.

**43-013-32174**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTA**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Weekly status

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on: Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)<sup>2</sup>

Status report for time period 10/7/02 through 10/13/02.

Subject well had completion procedures initiated in the Green River formation on 9/30/02 without use of a service rig over the well. A cement bond log was ran and four intervals were perforated and hydraulically fracture treated using composite flow-through frac plugs between stages. A service rig was moved on well on 10/2/02. Plugs were drilled out and well was cleaned out to PBTD @ 5984'. Zones were swab tested for sand cleanup. Production tbg was ran in and anchored in well. A 1 1/2" bore rod pump was ran in well on sucker rods. Well began producing via rod pump on 10/8/02.

**RECEIVED**

**OCT 15 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct

Signed Gary Dietz Title Completion Foreman Date 10/13/2002  
Gary Dietz

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

1996' FSL & 565' FWL (NW SW) SECTION 12 - 9S - 15E

At top prod. Interval reported below

At total depth

14. PERMIT NO.

43-013-32174

DATE ISSUED

07/13/00

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

7/24/01

16. DATE T.D. REACHED

9/16/02

17. DATE COMPL. (Ready to prod.)

10/08/02

18. ELEVATIONS (OF RKB, RT, GR, ETC.)\*

6023' GR

19. ELEV. CASINGHEAD

6033' KB

20. TOTAL DEPTH, MD & TVD

6000' KB

21. PLUG BACK T.D., MD & TVD

5984' KB

22. IF MULTIPLE COMPL., HOW MANY\*

----->

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4434'-5909'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIPL/SP/CDL - 11-5-02 CBL - 11-7-02

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8 J-55	24#	305.98'	12-1/4	200 sxs Class "G"	
5-1/2 J-55	15.5#	5999.95'	7-7/8	300 sxs Primlite +	
				450 sxs 50-50 POZ	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	TA @ 5748'	EOT @ 5879'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP) 505-5856-59', 5836-42', 5792-99', 5756-60', 5650-59'	.038"	4/132	DEPTH INTERVAL (MD) 5650'-5909' AMOUNT AND KIND OF MATERIAL USED Frac w/ 97,958# 20/40 sand in 728 bbl frac fluid
(A3, LODC) 5342-51', 5304-31', 5210-86', 5197-5206', 5166-87'	.038"	4/284	5166'-5351' Frac w/ 247,462# 20/40 sand in 1642 bbl frac fluid
(D1,D3,B2) 4906-11', 4773-78', 4670-80'	.038"	4/80	4670'-4911' Frac w/ 83,337# 20/40 sand in 618 bbl frac fluid
(PB10) 4444-49', 4424-42'	.038"	4/52	4434'-4449' Frac w/ 36,164# 20/40 sand in 348 bbl frac fluid

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
10/08/02	2-1/2" x 1-1/2" x 16' RHAC Pump	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			→	83	51	30	614

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
		→				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs In Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Brian Harris TITLE Engineering Technician DATE 11/5/2002

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				<u>ASHLEY 12-12-9-15</u>	Garden Gulch Mkr Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)	3979' 4226' 4491' 4525' 4634' 4670' 4953' 5576'  6000'	

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NOV 07 2002

DIVISION OF  
OIL AND MINING

RECEIVED

NOV 07 2002

DIVISION OF  
OILS AND MINING



November 5, 2002

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels

Ashley 12-12-9-15 (43-013-32174)  
Duchesne County, UT

Dear Ms. Carol Daniels

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris  
Engineering Tech

Enclosures

cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
Attn: Edwin I. Forsman  
170 South 500 East  
Vernal, Utah 84078

Well File - Denver  
Well File - Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver  
Tara Eisler/Denver

**RECEIVED**

**NOV 07 2002**

**DIVISION OF  
OIL, GAS AND MINING**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**ASHLEY (GR RVR)**

8. Well Name and No.

**ASHLEY UNIT 12-12-9-15**

9. API Well No.

**43-013-32174**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

**SUBMIT IN TRIPLICATE**

1. Type of Well



Oil  
Well



Gas  
Well



Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1996 FSL 565 FWL NW/SW Section 12, T9S R15E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



Notice of Intent



Subsequent Report



Final Abandonment Notice



Abandonment  
Recompletion  
Plugging Back  
Casing Repair  
Altering Casing  
Other



Change of Plans  
New Construction  
Non-Routine Fracturing  
Water Shut-Off  
Conversion to Injection  
Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct

Signed

*Mandie Crozier*  
Mandie Crozier

Title

**Regulatory Specialist**

Date

**11/13/2003**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**NOV 17 2003**

**DIV. OF OIL, GAS & MINING**

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****ASHLEY****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ASHLEY 10-10-9-15	10	090S	150E	4301332291	12419	Federal	OW	P
ASHLEY 1-10-9-15	10	090S	150E	4301332293	12419	Federal	WI	A
ASHLEY 1-11-9-15	11	090S	150E	4301332213	12419	Federal	WI	A
ASHLEY 2-11-9-15	11	090S	150E	4301332214	12419	Federal	WI	A
ASHLEY 7-11-9-15	11	090S	150E	4301332215	12419	Federal	OW	TA
ASHLEY 8-11-9-15	11	090S	150E	4301332216	12419	Federal	OW	P
ASHLEY 10-11-9-15	11	090S	150E	4301332217	12419	Federal	OW	P
ASHLEY 9-11-9-15	11	090S	150E	4301332248	12419	Federal	WI	A
ASHLEY 15-11-9-15	11	090S	150E	4301332249	12419	Federal	WI	A
ASHLEY 16-11-9-15	11	090S	150E	4301332250	12419	Federal	OW	P
ASHLEY 3-11-9-15	11	090S	150E	4301332294	12419	Federal	OW	P
ASHLEY U 8-12	12	090S	150E	4301332165	12419	Federal	OW	P
ASHLEY U 6-12	12	090S	150E	4301332170	12419	Federal	OW	P
ASHLEY U 9-12	12	090S	150E	4301332171	12419	Federal	WI	A
ASHLEY U 10-12	12	090S	150E	4301332172	12419	Federal	OW	P
ASHLEY U 12-12	12	090S	150E	4301332174	12419	Federal	OW	P
ASHLEY U 13-12	12	090S	150E	4301332175	12419	Federal	OW	P
ASHLEY U 15-12	12	090S	150E	4301332177	12419	Federal	WI	A
ASHLEY U 16-12	12	090S	150E	4301332178	12419	Federal	OW	P
ASHLEY U 5-12	12	090S	150E	4301332181	12419	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2) Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY U 12-12
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1996 FSL 0565 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 12 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013321740000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/18/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">           The above reference well was put on injection at 10:00 AM on            06/18/2014.         </div> <div style="width: 35%; text-align: right;"> <b>Accepted by the              Utah Division of              Oil, Gas and Mining</b>  <b>FOR RECORD ONLY</b>              June 18, 2014         </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/18/2014	





June 28, 2011

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Unit #12-12-9-15  
Monument Butte Field, Lease #UTU-47826  
Section 12-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Unit #12-12-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and extends across the width of the page.

Eric Sundberg  
Regulatory Lead

**RECEIVED**

**JUL 05 2011**

**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY UNIT #12-12-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-47826**  
**JUNE 28, 2011**

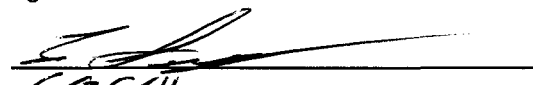
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STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: <u>Ashley Unit #12-12-9-15</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-74826</u>
Well Location: QQ <u>NWSW</u> section <u>12</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]	
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]	
Disposal? ..... Yes [ ] No [ X ]	
Storage? ..... Yes [ ] No [ X ]	
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]	
If this application is for an existing well, has a casing test been performed on the well? ..... Yes [ ] No [ X ]	
Date of test: _____	
API number: <u>43-013-32174</u>	
Proposed injection interval: from <u>3978</u> to <u>5984</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2038</u> psig	
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date <u>6/26/11</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

# Ashley Unit #12-12-9-15

Spud Date: 7/24/01

Put on Production: 10/8/02

GL: 6023 ' KB: 6033 '

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (297')

DEPTH LANDED: 306' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 200 sxs Class "G" cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (6001.95')

DEPTH LANDED: 5999.95' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: Surface

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 180 jts (5738.55')

TUBING ANCHOR: 5748.55' KB

NO. OF JOINTS: 2 jts (62.78')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5814.13' KB

NO. OF JOINTS: 2 jts (63.92')

TOTAL STRING LENGTH: EOT @ 5879.6'

## Proposed Injection Wellbore Diagram

Cement Top @ Surface

Casing shoe @ 306'

Packer @ 4384'  
4434'-4442'  
4444'-4449'

4670'-4680'  
4773'-4778'

4906'-4911'  
5166'-5187'  
5197'-5206'  
5210'-5286'  
5304'-5331'  
5342'-5351'

5650'-5659'

5756'-5760'  
5792'-5799'

5836'-5842'  
5856'-5859'

5905'-5909'

Top of Fill @ 5974'

PBTD @ 5984'

SHOE @ 6000'

TD @ 6068'

Initial Production: BOPD,  
MCFD, BWPD

## FRAC JOB

10/1/02 5650'-5909'

**Frac CP1,2,3,4, sand as follows:**  
97958# 20/40 sand in 728 bbls Viking I-25 fluid. Treated @ avg press of 1985 psi w/avg rate of 26.5 BPM. ISIP 2075 psi. Calc flush: 5650 gal. Actual flush: 5544 gal.

10/1/02 5166'-5351'

**Frac LODC/A3 sand as follows:**  
247,462# 20/40 sand in 1642 bbls Viking I-25 fluid. Treated @ avg press of 1932 psi w/avg rate of 26.5 BPM. ISIP 2325 psi. Calc flush: 5166 gal. Actual flush: 5082 gal.

10/1/02 4670'-4911'

**Frac B2 and D1,3 sands as follows:**  
83,337# 20/40 sand in 618 bbls Viking I-25 fluid. Treated @ avg press of 2345 psi w/avg rate of 26.5 BPM. ISIP 2150 psi. Calc flush: 4670 gal. Actual flush: 4578 gal.

10/1/02 4434'-4449'

**Frac PB10 sands as follows:**  
36,164# 20/40 sand in 348 bbls Viking I-25 fluid. Treated @ avg 2456 psi. Calc flush: 4434 gal. Actual flush: 4326 gal.

9/8/03

Stuck plunger. Update rod detail.

1/20/04

Pump Change.

11/17/06

**Pump Change** Rod & Tubing detail updated.

## PERFORATION RECORD

9/30/02	5905'-5909'	4 JSPF	16 holes
9/30/02	5856'-5859'	4 JSPF	12 holes
9/30/02	5836'-5842'	4 JSPF	24 holes
9/30/02	5792'-5799'	4 JSPF	28 holes
9/30/02	5756'-5760'	4 JSPF	16 holes
9/30/02	5650'-5659'	4 JSPF	36 holes
10/1/02	5342'-5351'	2 JSPF	18 holes
10/1/02	5304'-5331'	2 JSPF	54 holes
10/1/02	5210'-5286'	2 JSPF	152 holes
10/1/02	5197'-5206'	2 JSPF	18 holes
10/1/02	5166'-5187'	2 JSPF	42 holes
10/1/02	4906'-4911'	4 JSPF	20 holes
10/1/02	4773'-4778'	4 JSPF	20 holes
10/1/02	4670'-4680'	4 JSPF	40 holes
10/1/02	4444'-4449'	4 JSPF	20 holes
10/1/02	4434'-4442'	4 JSPF	20 holes

**NEWFIELD**

**Ashley Unit 12-12-9-15**

1996' FSL & 565' FWL

NW/SW Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32174; Lease #UTU-74826

## WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Unit #12-12-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Unit #12-12-9-15 well, the proposed injection zone is from Garden Gulch to Castle Peak (3978' - 5984'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3636' and the TD is at 6068'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Unit #12-12-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74826) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.



**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refilled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 306' KB, and 5-1/2", 15.5# casing run from surface to 6000' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2038 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Unit #12-12-9-15, for existing perforations (4434' - 5909') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2038 psig. We may add additional perforations between 3636' and 6000'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Unit #12-12-9-15, the proposed injection zone (3978' - 5984') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

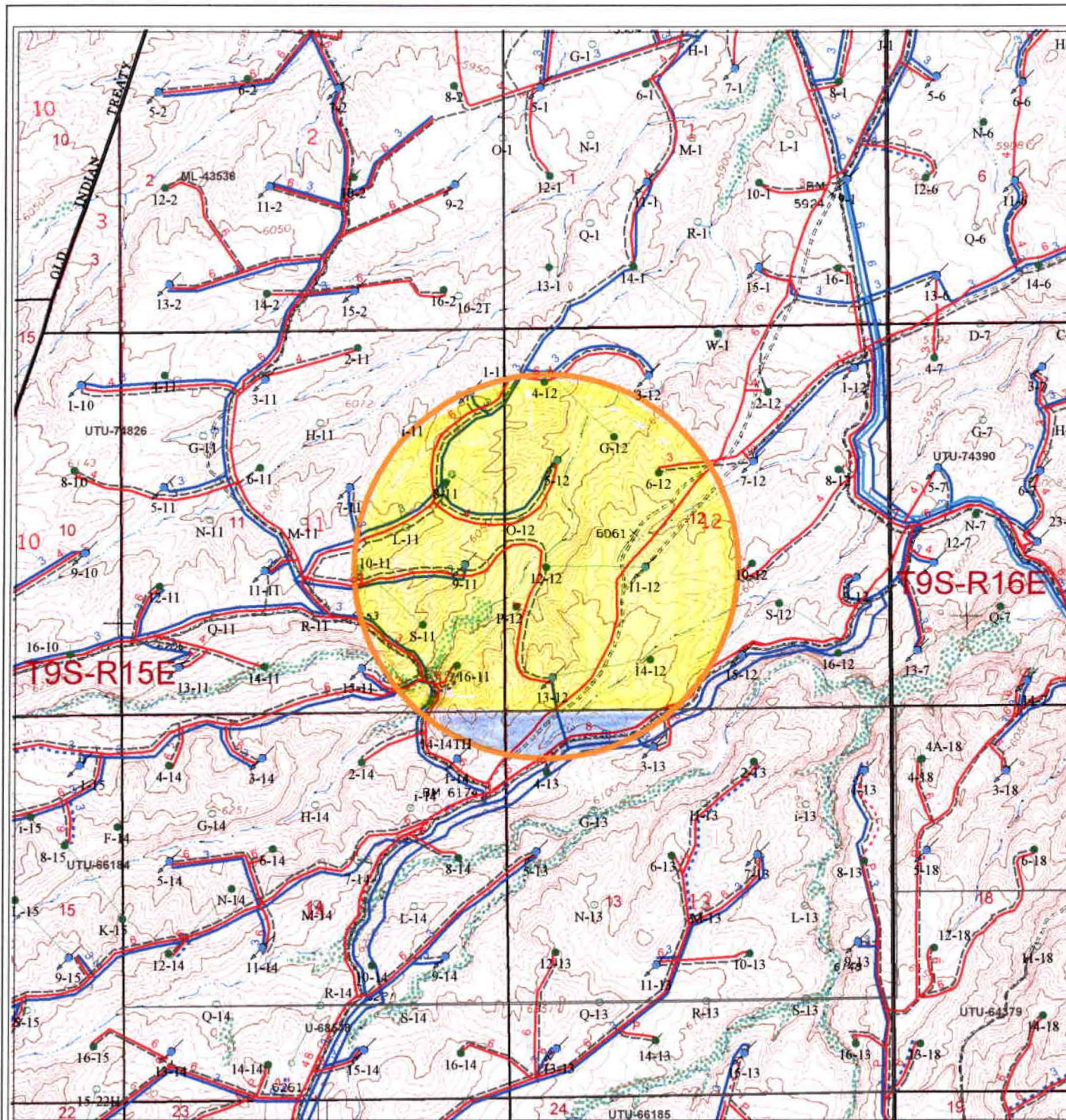
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊕ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊕ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In

- Countyline
- 12\_12\_9\_15\_Buffer

- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
  - Leases
  - Mining tracts
  - Gas Pipelines
  - Gathering lines
  - Proposed lines

UTU-74826

UTU-66184

## Ashley 12-12 Section 12, T9S-R15E



## 1/2 Mile Radius Map Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 17, 2011



**T9S, R15E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, ASHLEY UNIT #12-12-9-15,  
LOCATED AS SHOWN IN THE NW 1/4 SW 1/4  
OF SECTION 12, T9S, R15E, S.L.B.&M.  
DUCHESNE COUNTY, UTAH.

**RECEIVED**

JUL 03 2000

DIVISION OF  
OIL, GAS AND MINING



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM THE NOTES OF SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

**GENE STEWART**

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 4102  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 6-8-00

WEATHER: FAIR

NOTES:

FILE #

1910  
Brass Cap

S89°57'W - 80.20 (G.L.O.)

S89°54'15"W - 2647.60' (Meas.)

1910  
Brass Cap

1910  
Brass Cap

NORTH - (G.L.O.)

1910  
Brass Cap

1910  
Brass Cap

1910  
Brass Cap

S89°56'31"W - 2651.57' (Meas.)

S89°54'25"W - 2648.87' (Meas.)

S89°55'W - 80.16 (G.L.O.)

N0°01'W - (G.L.O.)

2643.08' (Measured)  
N0°01'W - (G.L.O.) Basis of Bearings

N0°00'04"E - 2644.49' (Meas.)

1910  
Brass Cap

565.1'

1996.3'

DRILLING  
WINDOW

**WELL LOCATION:**  
**ASHLEY UNIT #12-12-9-15**  
ELEV. UNGRADED GROUND = 6022.6'

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R15E SLM</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	USA UTU-74826 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R15E SLM</u> Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: Lots 1-3 (E2NW, NESW), E2	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley Unit #12-12-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

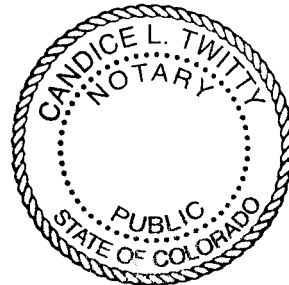
*E. Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

Sworn to and subscribed before me this 26<sup>th</sup> day of June, 2011.

Notary Public in and for the State of Colorado: \_\_\_\_\_

*Candice L. Twitty*

My Commission Expires: 02/10/2013



## Ashley Unit #12-12-9-15

Spud Date: 7/24/01

Put on Production: 10/8/02

GL: 6023' KB: 6033'

Initial Production: BOPD,  
MCFD, BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (297')

DEPTH LANDED: 306' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 200 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (6001.95')

DEPTH LANDED: 5999.95' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 450 sxs 50/50 POZ.

CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 180 jts (5738.55')

TUBING ANCHOR: 5748.55' KB

NO. OF JOINTS: 2 jts (62.78')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5814.13' KB

NO. OF JOINTS: 2 jts (63.92')

TOTAL STRING LENGTH: EOT @ 5879.6'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'

SUCKER RODS: 101-3/4" scraped rods; 115-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight bars.

PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC Axelson Pump

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5

LOGS: DIGL/SP/GR/CAL

FRAC JOB

10/1/02 5650'-5909'

**Frac CP1,2,3,4, sand as follows:**  
97958# 20/40 sand in 728 bbls Viking I-25 fluid. Treated @ avg press of 1985 psi w/avg rate of 26.5 BPM. ISIP 2075 psi. Calc flush: 5650 gal. Actual flush: 5544 gal.

10/1/02 5166'-5351'

**Frac LODC/A3 sand as follows:**  
247,462# 20/40 sand in 1642 bbls Viking I-25 fluid. Treated @ avg press of 1932 psi w/avg rate of 26.5 BPM. ISIP 2325 psi. Calc flush: 5166 gal. Actual flush: 5082 gal.

10/1/02 4670'-4911'

**Frac B2 and D1,3 sands as follows:**  
83,337# 20/40 sand in 618 bbls Viking I-25 fluid. Treated @ avg press of 2345 psi w/avg rate of 26.5 BPM. ISIP 2150 psi. Calc flush: 4670 gal. Actual flush: 4578 gal.

10/1/02 4434'-4449'

**Frac PB10 sands as follows:**  
36,164# 20/40 sand in 348 bbls Viking I-25 fluid. Treated @ avg 2456 psi. Calc flush: 4434 gal. Actual flush: 4326 gal.

9/8/03

Stuck plunger. Update rod detail.

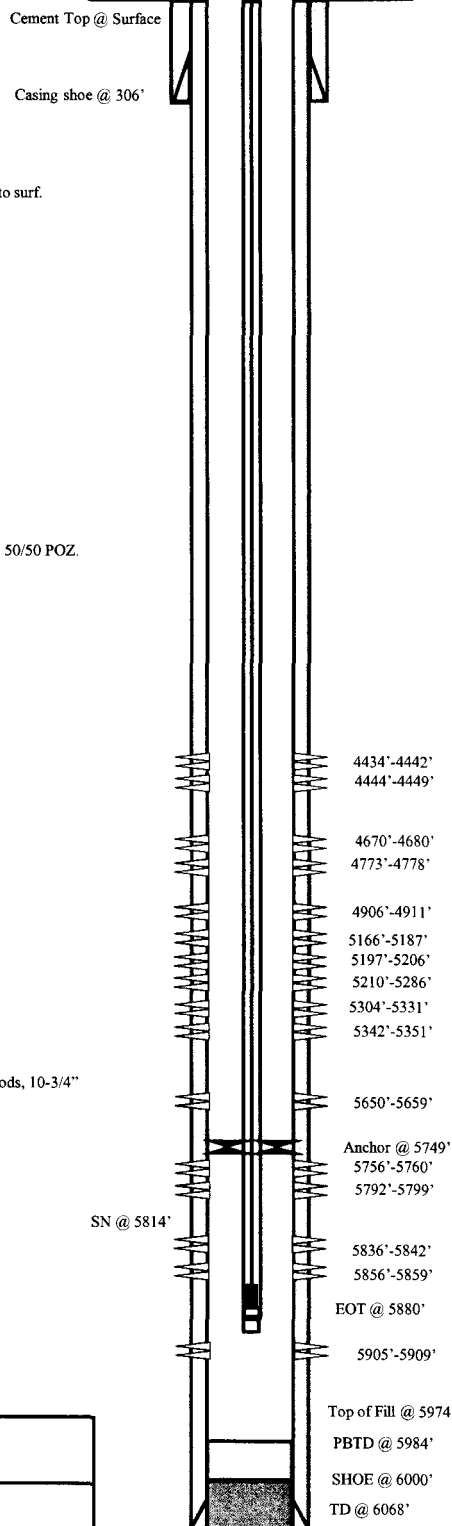
1/20/04

Pump Change.

11/17/06

**Pump Change** Rod & Tubing detail updated.PERFORATION RECORD

9/30/02	5905'-5909'	4 JSPF	16 holes
9/30/02	5856'-5859'	4 JSPF	12 holes
9/30/02	5836'-5842'	4 JSPF	24 holes
9/30/02	5792'-5799'	4 JSPF	28 holes
9/30/02	5756'-5760'	4 JSPF	16 holes
9/30/02	5650'-5659'	4 JSPF	36 holes
10/1/02	5342'-5351'	2 JSPF	18 holes
10/1/02	5304'-5331'	2 JSPF	54 holes
10/1/02	5210'-5286'	2 JSPF	152 holes
10/1/02	5197'-5206'	2 JSPF	18 holes
10/1/02	5166'-5187'	2 JSPF	42 holes
10/1/02	4906'-4911'	4 JSPF	20 holes
10/1/02	4773'-4778'	4 JSPF	20 holes
10/1/02	4670'-4680'	4 JSPF	40 holes
10/1/02	4444'-4449'	4 JSPF	20 holes
10/1/02	4434'-4442'	4 JSPF	20 holes



NEWFIELD

## Ashley Unit 12-12-9-15

1996' FSL &amp; 565' FWL

NW/SW Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32174; Lease #UTU-74826

Spud Date: 11/14/2000

Put on Production: 2/17/2001

GL: 6029' KB: 6039'

## Ashley Unit 4-12-9-15

Initial Production: 12.9 BOPD,

3.7 MCFD, 69.8 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (313 48')

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 145 jts (6118.7')

HOLE SIZE: 7-7/8"

DEPTH LANDED: 6129'

CEMENT DATA: 275 sk Prem. Lite II mixed &amp; 500 sxs 50/50 POZ.

CEMENT TOP AT: 450 per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 140 jts (4516 8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4526 8' KB

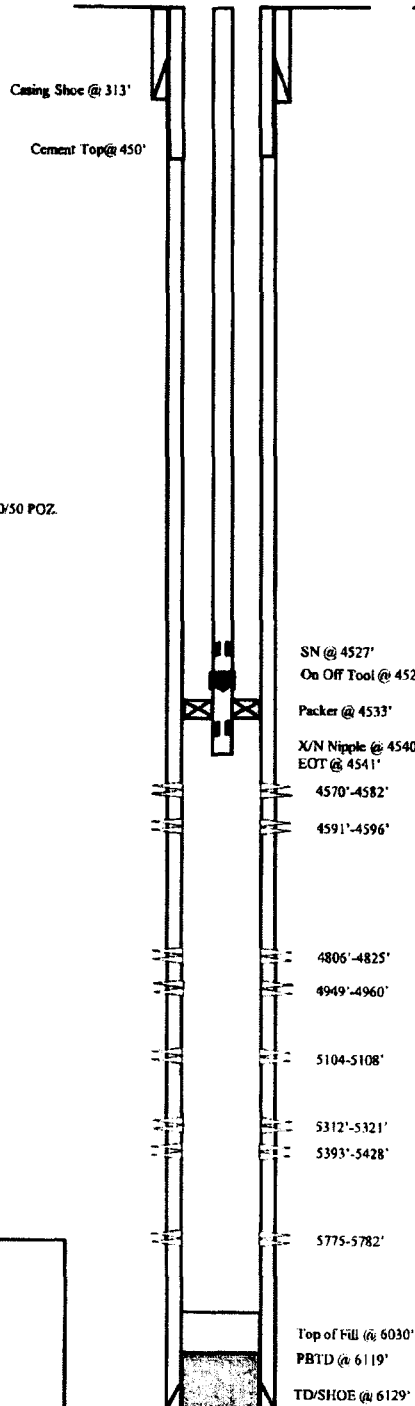
ON/OFF TOOL AT: 4527 9'

ARROW #1 PACKER CE AT: 4533'

TBG PUP 2-3/8 J-55 AT: 4536.1'

X/N NIPPLE AT: 4540 4'

TOTAL STRING LENGTH: TOT @ 4541.43'

Injection Wellbore  
DiagramFRAC JOB

2/13/01 5312-5428'

Frac LODC sands as follows:

Frac with 204,500# 20/40 sand in 1351 bbls  
Viking I-25 fluid. Perfs broke down @ 2010 psi  
Treat at 2350 psi @ 30.6 BPM. ISIP 2750 psi.

2/13/01 4806-4960'

Frac C/D-1 sands as follows:

Frac with 171,125# 20/40 sand in 1122 bbls  
Viking I-25 fluid. Perfs broke at 1200 psi with 7  
BPM. Treated at avg. 2100 psi @ 30.3 BPM  
ISIP 2500 psi

2/14/01 4570'-4596'

Frac PB-11 sands as follows:

Frac with 88,000# 20/40 sand in 600 bbls  
Viking I-25 fluid. Perfs broke down @ 2970 psi  
Treated @ 2300 psi at 30.1 BPM. ISIP 2665 psi

7/10/02

Pump Change. Update rod details.

10/29/03

Pump Change. Update rod details.

6/25/04

Pump Change. Update rod and tubing details.

10/14/04

Parted Rods. Update rod details

6-10-05

Pump Change. Update rod and tubing detail

10-3-2006

Pump Change: Updated tubing and rod details

7/25/08

Pump Change. Updated rod &amp; tubing details

4/29/10

Recompletion

04/29/10 4806-5428'

Acidize D1, C, A3, &amp; LODC SANDS

Recovered 60 bbls fl w/ trace oil &amp; no acid

04/29/10 5104-5108'

Frac B2 sands. Zone was screened out.

11/21/2011

Tubing Leak. Updated rod &amp; tubing detail

10/24/13

Convert to Injection Well

10/25/13

Conversion MIT Finalized - update thg detail

PERFORATION RECORD

4570'-4582'	4 JSPF	48 holes
4591'-4596'	4 JSPF	20 holes
4806'-4825'	4 JSPF	76 holes
4949'-4960'	4 JSPF	44 holes
5104'-5108'	3 JSPF	12 holes
5312'-5321'	4 JSPF	36 holes
5393'-5428'	4 JSPF	140 holes
5775'-5782'	3 JSPF	42 holes (did not break)

## NEWFIELD



Ashley Unit 4-12-9-15

591 FNL &amp; 600 FWL

NW/NW Sec. 12, T9S R15E

Duchesne, County

API# 43-013-32007; Lease# UTU74826



## Ashley Unit G-12-9-15

Spud Date: 7-7-10  
Put on Production: 8-16  
GL: 6034' KB: 6046'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts 338.17'  
DEPTH LANDED: 351.02'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 180 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts (6350.17')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6364.78'  
CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ  
CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT: 2-7/8" J-55 6.5#  
NO. OF JOINTS: 193 jts (6057.5')  
TUBING ANCHOR: 6070.5'  
NO. OF JOINTS: 1 jts (31.5')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6104.7' KB  
NO. OF JOINTS: 2 jts (62.9')  
TOTAL STRING LENGTH: EOT @ 6169'

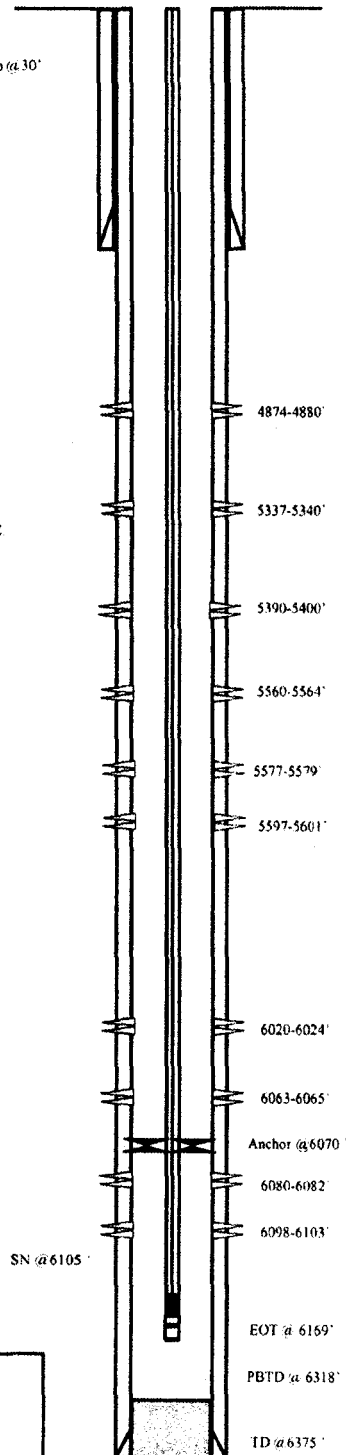
SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 - 2x 7/8 pony rods, 1 - 4' x 7/8" pony rods, 1-6  
x 7/8 pony rods, 239 - 8-7/8" guided rods, 4 - 1 1/2" weight bars  
PUMP SIZE: 2 1/2 x 1 3/4 x 24" RHAC  
STROKE LENGTH: 122  
PUMP SPEED: SPM 5

FRAC JOB

8-11-10 6020-6103' Frac CP3 & CP4 sands as follows:  
Frac with 29408# 20/40 sand in 252 bbls  
Lightning 17 fluid.  
8-11-10 5597-5601' Frac LODC sands as follows:  
Frac with 62367# 20/40 sand in 391 bbls  
Lightning 17 fluid.  
8-11-10 5337-5400' Frac A3 & A1 sands as follows: Frac  
with 34917# 20/40 sand in 239 bbls  
Lightning 17 fluid.  
8-11-10 4874-4880' Frac D1 sands as follows: Frac with  
17954# 20/40 sand in 163 bbls Lightning  
17 fluid.

Cement Top @ 30'

PERFORATION RECORD

6098-6103'	3 JSFP	15 holes
6080-6082'	3 JSFP	6 holes
6063-6065'	3 JSFP	6 holes
6020-6024'	3 JSFP	12 holes
5597-5601'	3 JSFP	12 holes
5577-5579'	3 JSFP	6 holes
5560-5564'	3 JSFP	12 holes
5390-5400'	3 JSFP	30 holes
5337-5340'	3 JSFP	9 holes
4847-4880'	3 JSFP	18 holes

**NEWFIELD**

Ashley Unit G-12-9-15  
SL: 602 FNL & 600 FWL (NW/NW)  
Section 12, T9S, R15  
Duchesne Co. Utah  
API # 43-013-33777; Lease # UTU-74826

## Ashley Unit 5-12

Spud Date: 1/30/2001  
Put on Production: 11/5/2001

GL: 5993' KB: 6003'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (292.35')  
DEPTH LANDED: 303.20'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

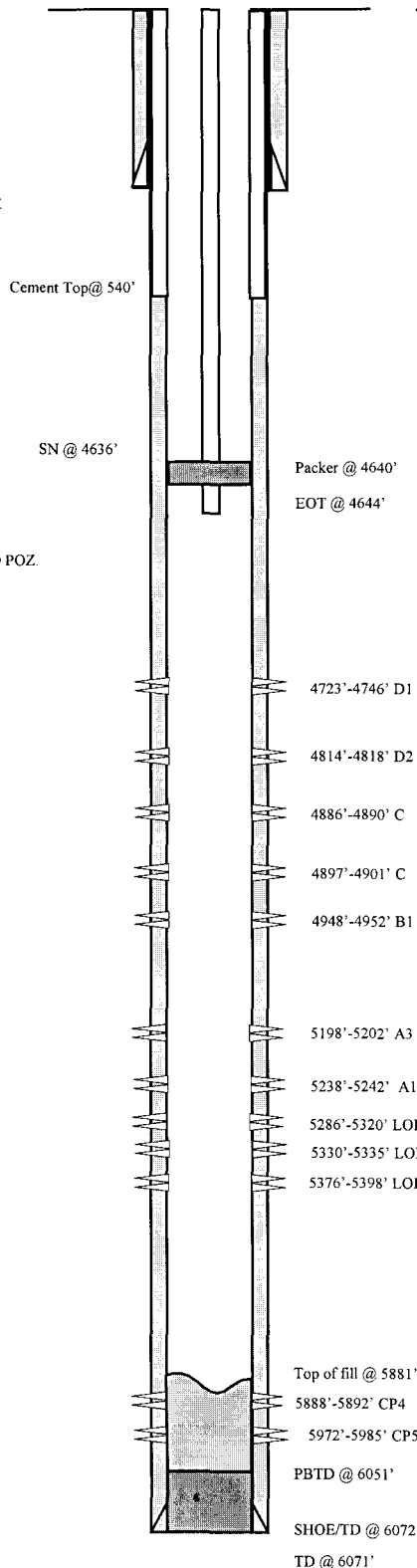
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts. (6045.26')  
DEPTH LANDED: 6071.51'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 540'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 143 jts (4625.75')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4635.75'  
PACKER: 4640.10'  
TOTAL STRING LENGTH: EOT @ 4644.13' KB

## Injection

## Wellbore Diagram



Initial Production: 56.2 BOPD,  
28.5 MCFD, 35.1 BWPD

**FRAC JOB**

10/29/01	5888'-5985'	<b>Frac CP sand as follows:</b> 46,460# 20/40 sand in 366 bbls Viking I-25 fluid. Treated @ avg press of 2069 psi w/avg rate of 36.1 BPM. ISIP 2160 psi. Forced shut in.
10/29/01	5198'-5398'	<b>Frac A/LODC sands as follows:</b> 202,175# 20/40 sand in 1323 bbls Viking I-25 fluid. Treated @ avg press of 1820 psi w/avg rate of 30.8 BPM. ISIP 2220 psi. Forced shut in.
10/30/01	4723'-4952'	<b>Frac B/C/D sands as follows:</b> 112,145# 20/40 sand in 809 bbls Viking I-25 fluid. Treated @ avg press of 1895 psi w/avg rate of 30.7 BPM. ISIP 2190 psi. Flowed 5.5 hrs then died
1/25/02		Pump change. Update rod and tubing details
7/12/02		Pump change. Update rod details.
8/06/02		Pump change. Update rod details.
8/15/02		Pump change. Update rod and tubing details.
12/17/03		Injection conversion. Ready for MIT.
11/12/08		5 Year MIT completed and submitted.

**PERFORATION RECORD**

10/29/01	5972'-5985'	4 JSPF	52 holes
10/29/01	5888'-5892'	4 JSPF	16 holes
10/29/01	5376'-5398'	4 JSPF	88 holes
10/29/01	5330'-5335'	4 JSPF	20 holes
10/29/01	5286'-5320'	4 JSPF	136 holes
10/29/01	5238'-5242'	4 JSPF	16 holes
10/29/01	5198'-5202'	4 JSPF	16 holes
10/29/01	4948'-4952'	4 JSPF	16 holes
10/29/01	4897'-4901'	4 JSPF	16 holes
10/29/01	4886'-4890'	4 JSPF	16 holes
10/29/01	4814'-4818'	4 JSPF	16 holes
10/29/01	4723'-4746'	4 JSPF	92 holes



Ashley Unit 5-12  
1816' FNL & 721' FWL  
SW/NW Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32181; Lease #UTU-74826

## Ashley Fed S-11-9-15

Spud Date: 7-21-10  
Put on Production: 8-19-10  
GL: 6061' KB: 6073'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8jts 311.75'  
DEPTH LANDED: 324.60'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147jts (6224.47')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6238.72'  
CEMENT DATA: 250 sxs Prem. Lite II mixed & 400sxs 50/50 POZ.  
CEMENT TOP AT: 174'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 169 jts (5307.4')  
TUBING ANCHOR: 5320.4'  
NO. OF JOINTS: 1 jts (31.5')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 5354.6' KB  
NO. OF JOINTS: 2 jts (62.8')  
TOTAL STRING LENGTH: EOT @ 5419'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 - 16x 7/8 pony rods, 1 - 4' x 7/8" pony rods, 252-8-7/8" guided rods, 4 - 1 1/2" weight bars  
PUMP SIZE: 2 1/2 x 1 3/4 x 21' x 24' RHAC  
STROKE LENGTH: 222  
PUMP SPEED: SPM 5

FRAC JOB

8-19-10 5342-5348' Frac A3 sands as follows: Frac with 19780# 20/40 sand in 112bbls Lightning 17 fluid.  
8-19-10 5196-5203' Frac A.5 sands as follows: Frac with 14577# 20/40 sand in 84bbls Lightning 17 fluid.  
8-19-10 4981-4987' Frac C sands as follows: Frac with 14339# 20/40 sand in 86bbls Lightning 17 fluid.  
8-19-10 4838-4845' Frac D1 sands as follows: Frac with 14257# 20/40 sand in 83 bbls Lightning 17 fluid.  
8-19-10 4278-4307' Frac GB4 sands as follows: Frac with 33355# 20/40 sand in 181bbls Lightning 17 fluid.

Cement Top @ 174'

SN @ 5355'

4278-4280'

4305-4307'

4312-4314'

4838-4845'

4981-4987'

5196-5203'

5342-5348'

Anchor @ 5320'

EOT @ 5419'

PBTD @ 6194'

SHOE @ 6239'

TD @ 6253'

PERFORATION RECORD

5342-5348' 3 JSPF 18 holes  
5196-5203' 3 JSPF 21 holes  
4981-4987' 3 JSPF 18 holes  
4838-4845' 3 JSPF 21 holes  
4312-4314' 3 JSPF 6 holes  
4305-4307' 3 JSPF 6 holes  
4278-4280' 3 JSPF 6 holes

**NEWFIELD**

Ashley Fed S -11 -9-15  
SL: 2025 FSL & 1991 FEL (NW/SE)  
Section 11, T9S, R15  
Duchesne Co, Utah  
API # 43-013-33877; Lease # UTU-74826

## Ashley Federal #6-12-9-15

Spud Date: 12/01/2000  
Put on Production: 2/27/2001  
GL: 6042' KB: 6052'

Initial Production: 29.8 BOPD,  
63.8 MCFD, 92.4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (325.76')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 144 jts. (6077.81')  
DEPTH LANDED: 6073.41' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 275 sk Prem. Lite II mixed & 500 sxs 50/50 POZ mix.  
CEMENT TOP AT: 278'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 168 jts (5389.17')  
TUBING ANCHOR: 5399.17'  
NO. OF JOINTS: 3 jts (97.57')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5499.54' KB  
NO. OF JOINTS: 2 jts (64.27')  
TOTAL STRING LENGTH: EOT @ 5565.36' W/ 10' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 5 - 1 1/2" weight rods, 50 - 3/4" scraped rods, 77 - 3/4" plain rods, 87 - 3/4" scraped rods, 2', 4', 8', 8'x3/4" pony rods  
PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14' Randys RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 4 spm

FRAC JOB

2/19/01 5358'-5434' **Frac LODC sands as follows:**  
Frac with 190,000# 20/40 sand in 1145 bbls Viking I-25 fluid. Perfs broke down @ 3750 psi. Treat at 2000 psi @ 30 BPM. ISIP 2175 psi.

2/20/01 5252'-5266' **Frac A-3 sands as follows:**  
Frac with 56,000# 20/40 sand in 439 bbls Viking I-25 fluid. Perfs broke down @ 4820 psi. Treat at 2400 psi @ 28 BPM. ISIP 2360 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.

2/21/01 5056'-5027' **Frac B sands as follows:**  
Frac with 82,000# 20/40 sand in 654 bbls Viking I-25 fluid. Perfs broke down @ 4131 psi. Treat at 2100 psi @ 30 BPM. ISIP 2090 psi.

2/21/01 4780'-4785' **Frac D-1 sands as follows:**  
Frac with 24,400# 20/40 sand in 273 bbls Viking I-25 fluid. Perfs broke down @ 3971 psi. Treat at 2400 psi @ 22 BPM. ISIP 2140 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3 hrs. then died.

2/22/01 4582'-4516' **Frac PB sands as follows:**  
Frac with 65,160# 20/40 sand in 492 bbls Viking I-25 fluid. Perfs broke down @ 1680 psi. Treat at 2000 psi @ 30 BPM. ISIP 2300 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.

11/15/01 Lower tubing. Update rod and tubing details.  
07/07/03 Parted rods. Update rod and tubing details.  
07/30/04 Tubing Leak. Update rod and tubing details

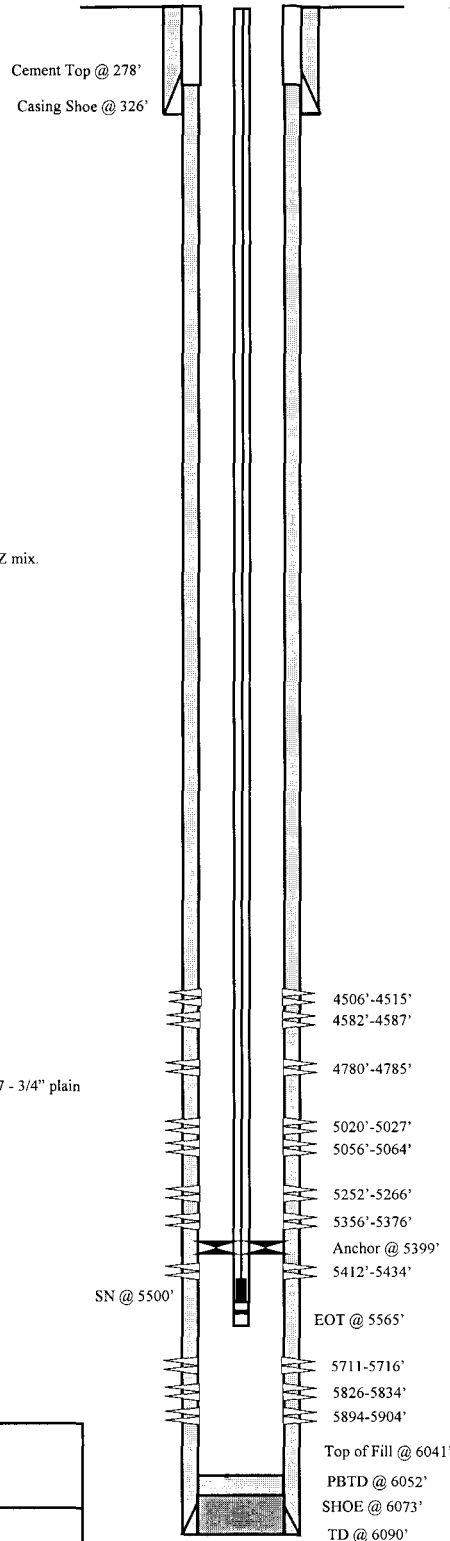
10/27/05 Pump change. Update rod and tubing details.  
03/06/06 Pump Change. Update rod and tubing details

4/30/08 5826-5834 **Frac CP2 & CP3 sds as follows:**  
w/ 64,931#s of 20/40 sand in 572 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4079 psi w/ ave rate of 15.2 BPM. ISIP 2115 psi. Actual flush: 1390 gals

4/30/08 5711-5716 **Frac CP1 sds as follows:**  
w/ 21,540#s of 20/40 sand in 244 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4929 psi w/ ave rate of 15.3 BPM. ISIP 2080 psi. Actual flush: 1386 gals

PERFORATION RECORD

4506'-4515'	4 JSPF	36 holes
4582'-4587'	4 JSPF	20 holes
4780'-4785'	4 JSPF	20 holes
5020'-5027'	4 JSPF	28 holes
5056'-5064'	4 JSPF	32 holes
5252'-5266'	4 JSPF	56 holes
5356'-5376'	4 JSPF	80 holes
5412'-5434'	4JSPF	88 holes
5711-5716'	4 JSPF	20 holes new
5826-5834'	4 JSPF	32 holes new
5894-5904'	4JSPF	40 holes new



Ashley Federal #6-12-9-15  
1996.4' FNL & 2121.3' FWL  
SE/NW Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32170; Lease #UTU-74826

## Ashley Federal 1-1-9-15

Spud Date: 6/26/97

Put on Production: 8/02/97  
GL: 5851' KB: 5861'Initial Production: 90  
BOPD, 85 MCFPD, 8 BWPDSURFACE CASINGCSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. 302.74')  
DEPTH LANDED: 312.41' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 180 sxs Premium cmt, est 16 bbls to surf.PRODUCTION CASINGCSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5964.87')  
DEPTH LANDED: 5975.87' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Hibond mixed & 340 sxs thixotropic  
CEMENT TOP AT: 1050' per CBLTUBINGSIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
NO. OF JOINTS: 151 jts (4761.64')  
TUBING PACKER: 4762.74'  
SEATING NIPPLE: 2 - 7/8" (1.10')  
SN LANDED 4761.64'  
TOTAL STRING LENGTH: EOT @ 4769.74'Injection Wellbore  
Diagram

Cement Top 1050'

Packer @ 4763'

EOT @ 4770'

4866'-77'

5025'-29'

5036'-5040'

5043'-45'

5144'-47'

5155'-57'

5169'-72'

5824'-31'

5878'-84'

5888'-96'

EOT @ 4770'

Sand Top @ 4866'

PBTD @ 5924'

TD @ 5980'

FRAC JOB

7/18/97 5824'-5896' **Frac CP sand as follows:**  
95,900# of 20/40 sand in 531 bbls of Boragel. Breakdown @ 1630 psi. Treated @ avg rate of 30.5 bpm w/avg press of 2630 psi. ISIP-2685 psi, 5-min 2260 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/22/97 5025'-5157' **Frac C/B sand as follows:**  
122,700# of 20/40 sand in 6137 bbls of Boragel. Breakdown @ 2330 psi. Treated @ avg rate of 25.5 bpm w/avg press of 2200 psi. ISIP-2723 psi, 5-min 2576 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/24/97 4866'-4877' **Frac D sand as follows:**  
82,300# of 20/40 sand in 416 bbls of Boragel. Breakdown @ 3339 psi. Treated @ avg rate of 25.8 bpm w/avg press of 6420 psi. ISIP-4806 psi, 5-min 4549 psi. Flowback on 12/64" ck for 10 minutes and died.

12/11/99 **Convert to Injection well** - update tbg detail.

1-2-07 **Workover:** Updated tubing detail

PERFORATION RECORD

7/19/97	5888'-5896'	4 JSPF	32 holes
7/19/97	5878'-5884'	4 JSPF	24 holes
7/19/97	5824'-5831'	4 JSPF	28 holes
7/22/97	5169'-5172'	4 JSPF	12 holes
7/22/97	5144'-5157'	4 JSPF	20 holes
7/22/97	5043'-5045'	4 JSPF	8 holes
7/22/97	5025'-5040'	4 JSPF	32 holes
7/24/97	4866'-4877'	4 JSPF	44 holes

NEWFIELD

Ashley Federal 1-1-9-15

533 FNL 516 FEL

NENE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31787; Lease #U-74826

Spud Date: 08/05/03  
Put on Production: 09/18/2003  
GL: 6115' KB: 6127'

## Ashley Fed 14-12

## Wellbore Diagram

Initial Production: 53 BOPD,  
18 MCFD, 37 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 JTS (309.49)  
DEPTH LANDED: 299.49  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt 4 Bbls CMT CIRC to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147 jts. (6306.27')  
HOLE SIZE: 7-7/8"  
SET AT: 6304.27  
CEMENT DATA: 330 sxs Premilite II w/ Cello Flake mix, 400 sxs 50/50 POZ w/additives.  
CEMENT TOP AT: 150' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 184 jts. (5993.67')  
TUBING ANCHOR: 6005.67 KB  
NO. OF JOINTS: 2 jts. (65.35')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6073.82' K  
NO. OF JOINTS: 2 jts (65.13')  
TOTAL STRING LENGTH: EOT @ 6140.50' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 65 - 7/8" scraped rods, 153 - 3/4" scraped rods, 24 - 7/8" scraped rods.  
PUMP: 2 1/2" x 1 3/4" x 16.5" RHAC pump w/ SM plunger.  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5  
LOGS: DIGL/SP/GR/CAL

FRAC JOB

09/05/03 6032'-6166' Frac CP3/CP4/CP5 sands as follows:  
89,904# 20/40 sand in 672 bbls Viking I-25 fluid. Treated @ avg press of 2035 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc. flush: 6030 gal. Actual flush: 5964 gal.  
09/05/03 5837'-5946' Frac CP 5/CP1/CP2 sands as follows:  
89,467# 20/40 sand in 671 bbls Viking I-25 fluid. Treated @ avg. press of 1970 psi w/avg rate of 24.4 BPM. ISIP-2040 psi. Calc. flush: 5835 gal. Actual flush: 5754 gal.  
09/05/03 5344'-5562' Frac A3/LODC sands as follows:  
199,145# 20/40 sand in 1322 bbls Viking I-25 fluid. Treated @ avg. press of 2030 psi w/avg rate of 24.7 BPM. ISIP-2100 psi. Calc. flush: 5342 gal. Actual flush: 5355 gal.  
09/05/03 5106'-5166' Frac B sands as follows:  
59,479# 20/40 sand in 478 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM. ISIP-1900 psi. Calc. flush: 5104 gal. Actual flush: 5019 gal.  
09/06/03 4894'-4995' Frac D sands as follows:  
28,888# 20/40 sand in 307 bbls Viking I-25 fluid. Treated @ avg press of 2623 psi w/avg rate of 24.5 BPM. ISIP-2100 psi. Calc. flush: 4892 gal. Actual flush: 4801 gal.  
09/06/03 4610'-4707' Frac PB sands as follows:  
76,290# 20/40 sand in 579 bbls Viking I-25 fluid. Treated @ avg press of 2105 psi w/avg rate of 24.4 BPM. ISIP-2180 psi. Calc. flush: 4608 gal. Actual flush: 4536 gal.  
09/08/03 4360'-4431' Frac GB sands as follows:  
40,540# 20/40 sand in 375 bbls Viking I-25 fluid. Treated @ avg press of 2035 psi w/avg rate of 24.5 BPM. ISIP-1860 psi. Calc. flush: 4358 gal. Actual flush: 4284 gal.  
1/21/04 Pump change. Update rod details

PERFORATION RECORDCP3/CP4/CP5

9/04/03 6032'-6036' 2 SPF 8 holes-9/04/03 6040'-6046' 2 SPF 12 holes  
9/04/03 6072'-6083' 2 SPF 22 holes-9/04/03 6092'-6096' 2 SPF 8 holes  
9/04/03 6114'-6118' 2 SPF 8 holes-9/04/03 6132'-6136' 2 SPF 8 holes  
9/04/03 6144'-6150' 2 SPF 12 holes-9/04/03 6160'-6166' 2 SPF 12 holes

CP 5/CP1/CP2

9/05/03 5837'-5845' 2 SPF 16 holes-9/05/03 5862'-5864' 2 SPF 4 holes  
9/05/03 5882'-5894' 2 SPF 24 holes-9/05/03 5907'-5912' 2 SPF 10 holes  
9/05/03 5916'-5919' 2 SPF 6 holes-9/05/03 5939'-5946' 2 SPF 14 holes

LODC/ A3

9/05/03 5344'-5350' 2 SPF 12 holes-9/05/03 5376'-5382' 2 SPF 12 holes  
9/05/03 5384'-5391' 2 SPF 14 holes  
9/05/03 5415'-5422' 2 SPF 14 holes-9/05/03 5443'-5449' 2 SPF 12 holes  
9/05/03 5466'-5476' 2 SPF 20 holes-9/05/03 5585'-5498' 2 SPF 26 holes  
9/05/03 5500'-5505' 2 SPF 10 holes-9/05/03 5512'-5516' 2 SPF 8 holes  
9/05/03 5524'-5531' 2 SPF 14 holes-9/05/03 5541'-5545' 2 SPF 8 holes  
9/05/03 5549'-5562' 2 SPF 26 holes

B2/B1/B.5

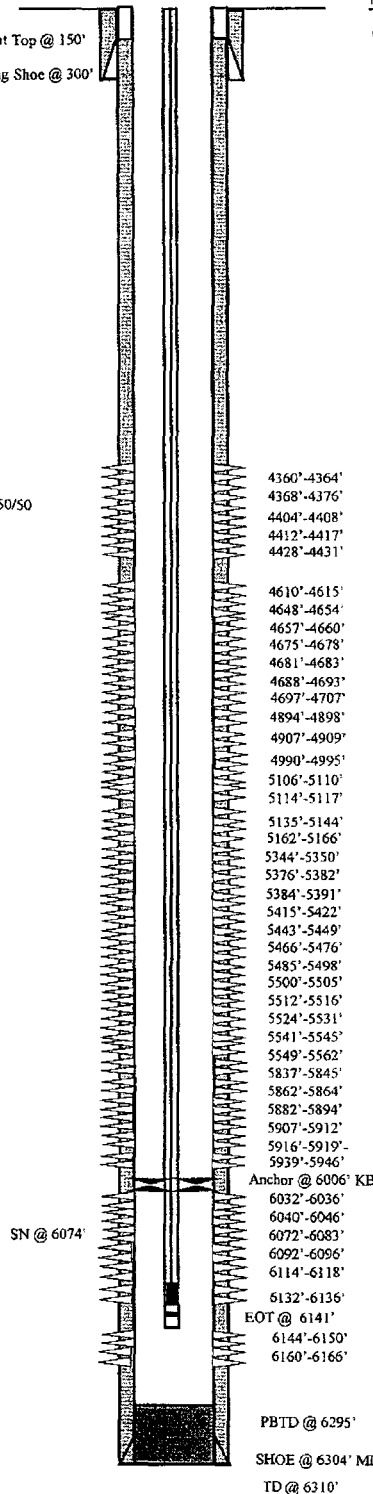
9/05/03 5106'-5110' 4 SPF 16 holes-9/05/03 5114'-5117' 4 SPF 12 holes  
9/05/03 5135'-5144' 4 SPF 36 holes-9/05/03 5162'-5166' 4 SPF 16 holes

PB10/PB11/D1/D2

9/06/03 4610'-4615' 2 SPF 10 holes, 9/06/03 4648'-4654' 2 SPF 12 holes  
9/06/03 4657'-4660' 2 SPF 6 holes  
9/06/03 4675'-4678' 2 SPF 6 holes, 9/06/03 4681'-4683' 2 SPF 4 holes  
9/06/03 4688'-4693' 2 SPF 10 holes, 9/06/03 4697'-4707' 2 SPF 20 holes  
9/06/03 4894'-4898' 4 SPF 16 holes, 9/06/03 4907'-4909' 4 SPF 8 holes  
9/06/03 4990'-4995' 4 SPF 20 holes

GB4/GB6

9/06/03 4360'-4364' 4 SPF 16 holes-9/06/03 4368'-4376' 4 SPF 32 holes  
9/06/03 4404'-4408' 4 SPF 16 holes-9/06/03 4412'-4417' 4 SPF 20 holes  
9/06/03 4428'-4431' 4 SPF 12 holes



Ashley Fed 14-12  
654' FWL & 491' FSL  
SWSW Section 12, T9S, R15E  
Duchesne Co, Utah  
API #43-013-32327; Lease #UTU-74826

PBTD @ 6295'

SHOE @ 6304' MD

TD @ 6310'

Attachment E-8

# Ashley Federal P-12-9-15

Spud Date: 12/01/2009  
Put on Production: 01/14/2010  
GL: 6016' KB: 6028'

## Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (307.68')  
DEPTH LANDED: 319.53'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 149 jts (6232.05')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6245'  
CEMENT DATA: 250 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 88'

### TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 183 jts (5955.8')  
TUBING ANCHOR: 5967.8'  
NO. OF JOINTS: 1 jts (32.5')  
SEATING NIPPLE: 2-7/8" (1 1/2")  
SN LANDED AT: 6003.1' KB  
NO. OF JOINTS: 2 jts (65')  
TOTAL STRING LENGTH: EOT @ 6070'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 - 2' x 7/8", 1 - 4' x 7/8", 1 - 6' x 7/8" pony rods,  
235 - 7/8" 8per guided rods; 4 - 1 1/2" weight bars  
PUMP SIZE: 2 1/2 x 1 1/4 x 20' x 24' RHAC  
STROKE LENGTH: 144  
PUMP SPEED: SPM 5

### FRAC JOB

01-14-10	5876-5996'	Frac CP2, CP3 & CP4 sands as follows: Frac with 50792# 20/40 sand in 318 bbls Lightning 17 fluid.
01-14-10	5790-5797'	Frac CP1 sands as follows: Frac with 24530# 20/40 sand in 208 bbls Lightning 17 fluid.
01-14-10	5373-5473'	Frac LODC sands as follows: Frac with 90918# 20/40 sand in 526 bbls Lightning 17 fluid.
01-14-10	5180-5293'	Frac A1 & A3 sands as follows: Frac with 19509# 20/40 sand in 168 bbls Lightning 17 fluid.
01-14-10	4873-4875'	Frac D2 sands as follows: Frac with 10048# 20/40 sand in 91 bbls Lightning 17 fluid.
01-14-10	4261-4302'	Frac GB4 & GB6 sands as follows: Frac with 39422# 20/40 sand in 245 bbls Lightning 17 fluid.

Cement Top @ 88'

SN @ 6003'

Anchor @ 5968'

5990-5996'

EOT @ 6070'

PBTD @ 6201'

SHOE @ 6245'

TD @ 6250'

### PERFORATION RECORD

5990-5996'	3 JSPP	18 holes
5942-5945'	3 JSPP	9 holes
5876-5879'	3 JSPP	9 holes
5790-5797'	3 JSPP	21 holes
5465-5473'	3 JSPP	24 holes
5412-5415'	3 JSPP	9 holes
5388-5390'	3 JSPP	6 holes
5373-5375'	3 JSPP	6 holes
5290-5293'	3 JSPP	9 holes
5180-5183'	3 JSPP	9 holes
4873-4875'	3 JSPP	6 holes
4298-4302'	3 JSPP	12 holes
4261-4266'	3 JSPP	15 holes

**NEWFIELD**



Ashley Federal P-12-9-15  
643' FSL & 688' FEL (SE/SE)  
Section 11, T9S, R15E  
Duchesne Co, Utah

API # 43-013-33879; Lease # UTU-74826

## Ashley 16-11-9-15

Spud Date: 10/17/2001  
 Put on Production: 11/27/2001  
 GL: 6070' KB: 6080'

Initial Production: 47.3 BOPD,  
 55.3 MCFD, 11.4 BWPD

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (293.17')  
 DEPTH LANDED: 301.17'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 170 sxs Class "G" cmt, est 10 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (5803.19')  
 DEPTH LANDED: 5800.69'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP AT: 1730 per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 142 jts (4618.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4628.2' KB  
 ON/OFF TOOL AT: 4629.3'  
 PACKER ARROW #1 CE @ 4634.06'  
 XO: 2-3/8" x 2-7/8" J-55 @ 4638.1'  
 TBG SUB AT: 4638.6'  
 X/N: 2-3/8 J-55 @ 4642.7'  
 TOTAL STRING LENGTH: EOT @ 4644' w/10' KB

FRAC JOB

11/16/01 5300'-5316' Frac LODC sand as follows:  
 50,627# 20/40 sand in 421 bbls Viking  
 1-25 fluid Treated @ avg press of 2600  
 psi w/avg rate of 25.8 BPM ISIP 3250  
 psi

11/16/01 4901'-4942' Frac B sands as follows:  
 52,627# 20/40 sand in 425 bbls Viking  
 1-25 fluid Treated @ avg press of 2600  
 psi w/avg rate of 24.1 BPM ISIP 2550  
 psi

11/16/01 4683'-4693' Frac D1 sand as follows:  
 44,267# 20/40 sand in 393 bbls Viking  
 1-25 fluid Treated @ avg press of 2300  
 psi w/avg rate of 24.3 BPM ISIP 2205  
 psi. Opened all zones and flowed on  
 12/64" choke for 7 hours then died

12/27/03 Parted Rods. Update rod and tubing  
 detail

03/07/05 Parted Rods. Update rod and tubing  
 detail

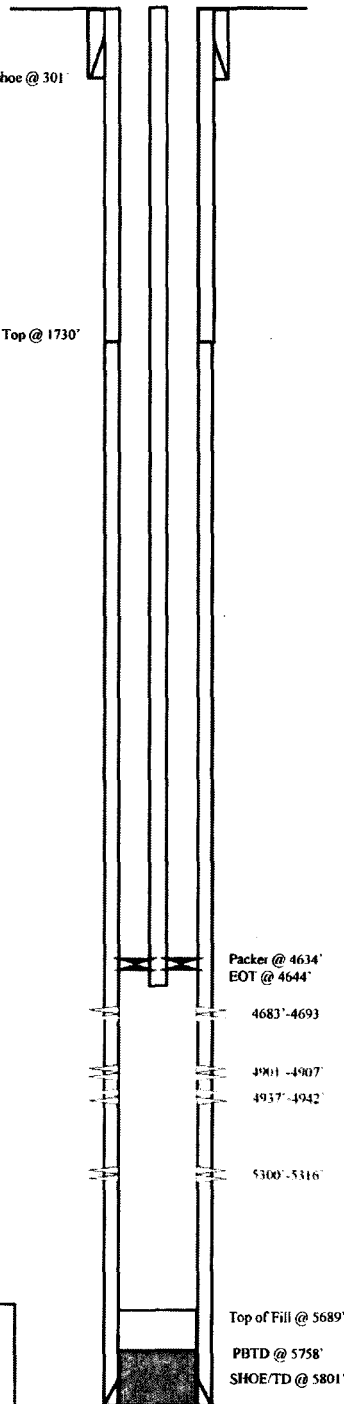
5/28/09 Parted rods. Updated r & t details

07/13/12 Convert to Injection Well

07/17/12 Conversion MIT Finalized - update tbg  
 detail

PERFORATION RECORD

11/16/01	5300'-5316'	4 JSPF	64 holes
11/16/01	4937'-4942'	4 JSPF	20 holes
11/16/01	4901'-4907'	4 JSPF	24 holes
11/16/01	4683'-4693'	4 JSPF	40 holes

**NEWFIELD**

Ashley 16-11-9-15

660' FSL &amp; 662' FEL

SESE Section 11-T9S-R15E

Duchesne Co, Utah

API #43-013-32250, Lease #UTU-74826



## Ashley #9-11-9-15

Spud Date: 10/19/2001  
Put on Production: 11/17/2001

GL: 6061' KB: 6071'

**SURFACE CASING**

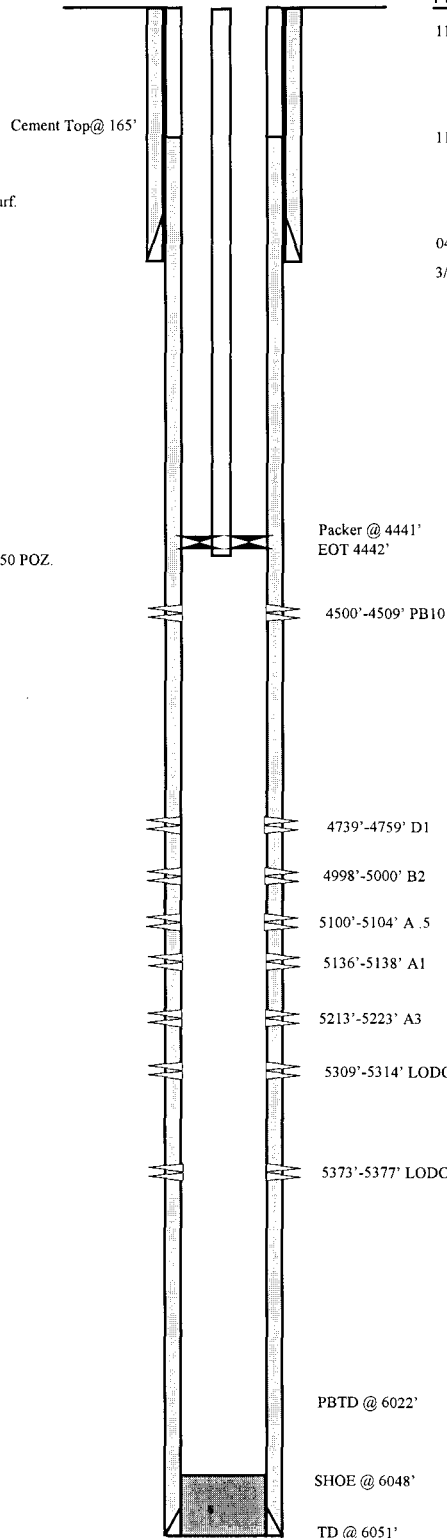
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (297.82')  
DEPTH LANDED: 305.82'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt, est 6 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 143 jts. (6034.27')  
DEPTH LANDED: 6048.22'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 165'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 136 jts (4423.10')  
SEATING NIPPLE: 2-7/8" (1.10')  
TUBING PACKER: 4441'  
TOTAL STRING LENGTH: EOT @ 4441.52'

Injection Wellbore  
Diagram**FRAC JOB**

11/12/01 4998'-5377' **Frac B/A/LODC sands as follows:**  
76,610# 20/40 sand in 578 bbls Viking I-25 fluid. Treated @ avg press of 2400 psi w/avg rate of 29.9 BPM. ISIP 2750 psi. Flowed for 3 hrs then died.

11/14/01 4739'-4759' **Frac D-1 sands as follows:**  
70,610# 20/40 sand in 533 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 29.8 BPM. ISIP 2300 psi. Flowed for 3.5 hrs then died.

04/10/03 **Conversion to Injector**

3/12/08 **5 Year MIT completed and submitted.**

**PERFORATION RECORD**

11/12/01	5373'-5377'	4 JSPF	16 holes
11/12/01	5309'-5314'	4 JSPF	20 holes
11/12/01	5213'-5223'	4 JSPF	40 holes
11/12/01	5136'-5138'	4 JSPF	08 holes
11/12/01	5100'-5104'	4 JSPF	16 holes
11/12/01	4998'-5000'	4 JSPF	08 holes
11/14/01	4739'-4759'	4 JSPF	80 holes
04/09/03	4500'-4509'	4 JSPF	36 holes

**NEWFIELD**

Ashley #9-11-9-15  
2046' FSL & 557' FEL  
NE/SE Section 11-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32248; Lease #UTU-74826

Spud Date: 9/13/2001

Put on Production: 11/19/2001

GL: 6083' KB: 6093'

## Ashley 8-11-9-15

Injection Wellbore  
DiagramInitial Production: 55.8 BOPD,  
35.9 MCFD, 30.5 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (293.84')

DEPTH LANDED: 301.84'

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cement, est 7 bbls cement to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts (6112.28')

DEPTH LANDED: 6107.28'

HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sxs Hi-Lift "G" &amp; 450 sxs 50/50 POZ.

CEMENT TOP AT: 460' per CBL

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 148 jts (4759.7')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4769.7' KB

ON/OFF TOOL AT: 4770.8'

ARROW #1 PACKER CE AT: 4776'

XO 2-3/8 x 2-7/8 J-55 AT: 4779.7'

TBG PUP 2-3/8 J-55 AT: 4780.3'

X/N NIPPLE AT: 4784.4'

TOTAL STRING LENGTH: EOT @ 4785.05'

FRAC JOB

11/7/01 5307'-5359'

**Frac A-3/LODC sand as follows:**  
36,400# 20/40 sand in 361 bbls YF125  
fluid. Treated @ avg press of 2374  
psi w/avg rate of 26.9 BPM ISIP 2495  
psi. Left shut in

11/7/01 4970'-5099'

**Frac B/C sand as follows:**  
88,800# 20/40 sand in 694 bbls YF125  
fluid. Treated @ avg press of 2532  
psi w/avg rate of 28.2 BPM. Screened  
out. Left shut in

11/7/01 4803'-4828'

**Frac D-1 sand as follows:**  
41,760# 20/40 sand in 377 bbls YF125  
fluid. Treated @ avg press of 2328  
psi w/avg rate of 25.8 BPM ISIP 2050  
psi. Opened all zones and flowed on  
12/64" choke for 4 hours until well died

12/20/02

**Pump change.** Updated rod details

9/23/04

**Pump change.** Update rod details

10/12/07

**Tubing Leak** Updated rod & tubing details

08/06/08

**Major Workover** Rod & tubing updated

5/22/09

**Tubing Leak** Updated rod & tubing details

08/03/13

**Convert to Injection Well****Conversion MIT Finalized** - update thg detail

SN @ 4770'

On Off Tool @ 4771

Packer @ 4776'

X/N Nipple @ 4784'

EOT @ 4786'

4803'-4813'

4826'-4828'

4970'-4976'

5020'-5031'

5091'-5099'

5307'-5311'

5354'-5359'

Top of Fill @ 6062'

PBTD @ 6083'

SHOE @ 6107'

TD @ 6150'

PERFORATION RECORD

11/7/01	5354'-5359'	4 JSPF	20 holes
11/7/01	5307'-5311'	4 JSPF	16 holes
11/7/01	5091'-5099'	4 JSPF	32 holes
11/7/01	5020'-5031'	4 JSPF	44 holes
11/7/01	4970'-4976'	4 JSPF	24 holes
11/7/01	4826'-4828'	4 JSPF	08 holes
11/7/01	4803'-4813'	4 JSPF	40 holes



## Ashley 8-11-9-15

1975' FNL &amp; 737' FEL

SENE Section 11-T9S-R15E

Duchesne Co, Utah

API #43-013-32216, Lease #UTU-74826

LCN 08/12/13

## Ashley 13-12-9-15

Spud Date: 2/15/01  
Put on Production: 9/18/03  
GL: 6121' KB: 6131'

Initial Production: 58 BOPD,  
18 MCFD, 37 BWPD

**SURFACE CASING**

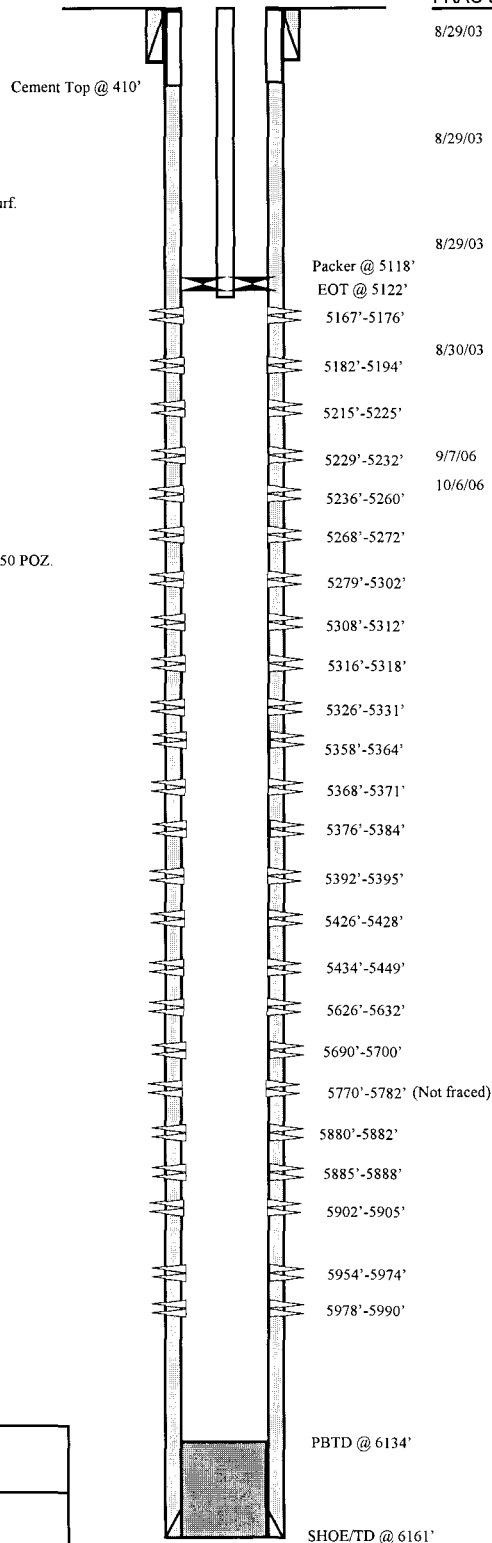
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (295.17')  
DEPTH LANDED: 305.17' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt, est 7 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (6162.86')  
DEPTH LANDED: 6160.86' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: 410'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 158 jts (5100.24')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5112.57' KB  
TOTAL STRING LENGTH: EOT @ 5121.82' W/12 'KB

**Injection Wellbore Diagram****FRAC JOB**

8/29/03	5880'-5990'	<b>Frac CP4.5 sands as follows:</b> 88,498# 20/40 sand in 670 bbls Viking I-25 fluid. Treated @ avg press of 1960 psi w/avg rate of 24.5 BPM. ISIP 2035 psi. Calc flush: 5877 gal. Actual flush: 5796 gal.
8/29/03	5626'-5700'	<b>Frac CP.5 and 1 sands as follows:</b> 60,150# 20/40 sand in 494 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 17.3 BPM. ISIP 2300 psi. Calc flush: 5624 gal. Actual flush: 5544 gal.
8/29/03	5358'-5449'	<b>Frac LOLODC sands as follows:</b> 98,795# 20/40 sand in 719 bbls Viking I-25 fluid. Treated @ avg press of 2356 psi w/avg rate of 22.8 BPM. ISIP 2560 psi. Calc flush: 5356 gal. Actual flush: 5292 gal.
8/30/03	5167' - 5331'	<b>Frac UPLDC and A3 sands as follows:</b> 272,536# 20/40 sand in 1772 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 25.4 BPM. ISIP 2130 psi. Calc flush: 5165 gal. Actual flush: 5082 gal.
9/7/06		<b>Well converted to an Injection well.</b>
10/6/06		<b>MIT completed and submitted.</b>

**PERFORATION RECORD**

8/28/03	5978'-5990'	2 JSFP	24 holes
8/28/03	5954'-5974'	2 JSFP	40 holes
8/28/03	5902'-5905'	4 JSFP	12 holes
8/28/03	5885'-5888'	4 JSFP	12 holes
8/28/03	5880'-5882'	4 JSFP	8 holes
8/29/03	5770'-5782'	2 JSFP	24 holes
8/29/03	5690'-5700'	2 JSFP	20 holes
8/29/03	5626'-5632'	4 JSFP	24 holes
8/29/03	5434'-5449'	2 JSFP	30 holes
8/29/03	5426'-5428'	4 JSFP	8 holes
8/29/03	5392'-5395'	4 JSFP	12 holes
8/29/03	5376'-5384'	4 JSFP	32 holes
8/29/03	5368'-5371'	4 JSFP	12 holes
8/29/03	5358'-5364'	4 JSFP	24 holes
8/30/03	5326'-5331'	2 JSFP	10 holes
8/30/03	5316'-5318'	2 JSFP	4 holes
8/30/03	5308'-5312'	2 JSFP	8 holes
8/30/03	5279'-5302'	2 JSFP	46 holes
8/30/03	5268'-5272'	2 JSFP	8 holes
8/30/03	5236'-5260'	2 JSFP	48 holes
8/30/03	5229'-5232'	2 JSFP	6 holes
8/30/03	5215'-5225'	2 JSFP	20 holes
8/30/03	5182'-5194'	2 JSFP	24 holes
8/30/03	5167'-5176'	2 JSFP	18 holes

**NEWFIELD****Ashley 13-12-9-15**

467' FSL &amp; 644' FWL

SWSW Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32175; Lease #UTU-74826

## Ashley 11-12-9-15

Spud Date: 8/12/03

Put on Production: 9/19/03

GL: 6019' KB: 6031'

Initial Production: 51 BOPD,  
49 MCFD, 15 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (304.3')

DEPTH LANDED: 314.3' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (6291.55')

DEPTH LANDED: 6287.55' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 310 sxs Prem, Lite II mixed &amp; 400 sxs 50/50 POZ mix.

CEMENT TOP AT: 230'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 153 jts (4770.35')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4782.35' KB

TOTAL STRING LENGTH: EOT @ 4790.85' W/12 'KB

Injection Wellbore  
Diagram

Cement Top @ 230'

Packer @ 4787'

EOT @ 4791'

4844'-4849'

4856'-4863'

4980'-4988'

5326'-5334'

5336'-5342'

5380'-5429'

5454'-5469'

5477'-5482'

5488'-5504'

5795'-5802'

5795'-5802'

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5795'-5802'

5795'-5802'

5795'-5802'

FRAC JOB

9/12/03 5795'-5802'

**Frac CP.5 sands as follows:**

19,915# 20/40 sand in 268 bbls Viking I-25 fluid. Treated @ avg press of 2450 psi w/avg rate of 24.6 BPM. ISIP 2233 psi. Calc flush: 5793 gal. Actual flush: 5712 gal.

9/12/03 5380'-5504'

**Frac LODC sands as follows:**

248,932# 20/40 sand in 1628 bbls Viking I-25 fluid. Treated @ avg press of 2065psi w/avg rate of 24.5 BPM. ISIP 2340 psi. Calc flush: 5378 gal. Actual flush: 5334 gal.

9/12/03 4844'-4988'

**Frac D1 and C sands as follows:**

52,058# 20/40 sand in 426 bbls Viking I-25 fluid. Treated @ avg press of 2340 psi w/avg rate of 24.5 BPM. ISIP 2475 psi. Calc flush: 4842 gal. Actual flush: 4746 gal.

9/16/03 5326'- 5342'

**Frac A3 sands as follows:**

39,729# 20/40 sand in 340 bbls Viking I-25 fluid. Treated @ avg press of 4165 psi w/avg rate of 17.6 BPM. ISIP 2200 psi. Calc flush: 1389 gal. Actual flush: 1260 gal.

8/17/06

**Well converted to an Injection well.**

9/14/06

**MIT completed and submitted.**PERFORATION RECORD

9/11/03	5795'-5802'	4 JSPF	28 holes
9/12/03	5488'-5504'	2 JSPF	32 holes
9/12/03	5477'-5482'	2 JSPF	10 holes
9/12/03	5454'-5469'	2 JSPF	30 holes
9/12/03	5380'-5429'	2 JSPF	98 holes
9/12/03	5336'-5342'	2 JSPF	12 holes
9/12/03	5326'-5334'	2 JSPF	16 holes
9/12/03	4980'-4988'	4 JSPF	32 holes
9/12/03	4856'-4863'	4 JSPF	28 holes
9/12/03	4844'-4849'	4 JSPF	20 holes

NEWFIELD

Ashley 11-12-9-15

547' FWL &amp; 2016' FSL

NWSW Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32326; Lease #UTU-74826

Top of Fill @ 6144'

PBTB @ 6232' W.L.

SHOE/TD @ 6288' TVD @ 6100'

# Ashley Fed O-12-9-15

Spud Date: 7-20-10  
Put on Production: 8-14-10  
GL: 6026 ' KB: 6038 '

## Wellbore Diagram

### SURFACE CASING

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 8jts 316.43'  
DEPTH LANDED 329.28'  
HOLE SIZE 12-1/4"  
CEMENT DATA 160 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15.5#  
LENGTH 147 jts (6244.1')  
HOLE SIZE 7-7/8"  
DEPTH LANDED 6260.10'  
CEMENT DATA 260 sxs Prem Lite II mixed & 400sxs 50/50 POZ  
CEMENT TOP AT 186'

### TUBING

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
NO OF JOINTS 176 jts (5524.8')  
TUBING ANCHOR 5538'  
NO OF JOINTS 1 jts (31.4')  
SEATING NIPPLE 2-7/8" (1.1')  
SN LANDED AT 5572' KB  
NO OF JOINTS 2 jts (62.8')  
TOTAL STRING LENGTH EOT @ 5636'

### SUCKER RODS

POLISHED ROD 1-1/2" x 30'  
SUCKER RODS 1 - 4' x 7/8" pony rods, 218-8 per guided rods, 4- 1 1/4" weight bars  
PUMP SIZE 2 1/2 x 1 3/4 x 20' x 24' RHAC  
STROKE LENGTH 120  
PUMP SPEED SPM 5

### FRAC JOB

8-12-10 5252-5552' Frac LODC, A3, A1 & A2 sands as follows: Frac with 121321# 20/40 sand in 526 bbls Lightning 17 fluid.  
8-12-10 4795-4864' Frac DS2 & D1 sands as follows: Frac with 29694# 20/40 sand in 181 bbls Lightning 17 fluid.  
8-12-10 4617-4624' Frac PB10 sands as follows: Frac with 19371# 20/40 sand in 115 bbls Lightning 17 fluid.  
8-12-10 4344-4378' Frac GB4 & GB6 sands as follows: Frac with 22812# 20/40 sand in 140 bbls Lightning 17 fluid.

12/1/2010 Pump change Update rod and tubing details

Cement Top @ 186'

SN @ 5572'

4344-4348'  
4374-4378'  
4617-4624'  
4795-4798'  
4855-4864'  
5252-5254'  
5268-5270'  
5343-5346'  
5396-5398'  
5440-5442'  
5464-5466'  
5507-5509'  
5519-5521'  
5533-5535'  
Anchor @ 5538'  
5546-5552'

EOT @ 5636'

PBTD @ 6213'

TD @ 6266'

### PERFORATION RECORD

5546-5552' 3 JSPF 18 holes  
5533-5535' 3 JSPF 6 holes  
5519-5521' 3 JSPF 6 holes  
5507-5509' 3 JSPF 6 holes  
5464-5466' 3 JSPF 6 holes  
5440-5442' 3 JSPF 6 holes  
5396-5398' 3 JSPF 6 holes  
5343-5346' 3 JSPF 9 holes  
5268-5270' 3 JSPF 6 holes  
5252-5254' 3 JSPF 6 holes  
4855-4864' 3 JSPF 27 holes  
4795-4798' 3 JSPF 9 holes  
4617-4624' 3 JSPF 21 holes  
4374-4378' 3 JSPF 12 holes  
4344-4348' 3 JSPF 12 holes

**NEWFIELD**



**Ashley Fed O-12-9-15**  
SL: 1971 FNL & 717 FEL (SE/NE)  
Section 11, T9S, R15  
Duchesne Co, Utah  
API # 43-013-33878; Lease # UTU-74826

Spud Date: 9/10/2001

Put on Production: 11/20/2001

GL: 6112' KB: 6122'

# Ashley Federal 10-11-9-15

Initial Production: 38 BOPD,  
50.6 MCFD, 36.7 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (299.31')

DEPTH LANDED: 307.31'

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 3 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 143 jts. (6064.66')

DEPTH LANDED: 6062.16'

HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP AT: 260' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 132 jts. (4207.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4217.1' KB

ON/OFF TOOL AT: 4218.2'

ARROW #1 PACKER CE AT: 4223.4'

XO 2-3/8 x 2-7/8 J-55 AT: 4227.2'

TBG PUP 2-3/8 J-55 AT: 4227.7'

X/N NIPPLE AT: 4231.9'

TOTAL STRING LENGTH: EOT @ 4233.4'

Cement Top @ 260'  
Casing Shoe @ 307'

SN @ 4217'  
On Off Tool @ 4218'  
Packer @ 4223'  
X/N Nipple @ 4232'  
EOT @ 4233'

4288-4292'

4784-4788'

4931'-4935'

4989'-5003'

5210-5214'

5310-5314'

5732-5744'

5808-5814'

PBTD @ 6042'  
TD @ 6073'

### FRAC JOB

11/12/01	4931'-5003'	<b>Frac C &amp; B sands as follows:</b> 87,460# 20/40 sand in 643 bbls Viking I-25 fluid. Treated @ avg press of 1980 psi w/avg rate of 29.9 BPM. ISIP 2180 psi.
6/24/08	5732'-5744'	<b>Frac CP1 &amp; CP2 sds as follows:</b> 45,209#s of 20/40 sand in 476 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3735 w/ ave rate of 15.5 bpm w/ 6 ppg of sand. ISIP was 2041. Actual flush: 1344 gals
6/25/08	5210'-5314'	<b>Frac LODC &amp; A1 sds as follows:</b> 30,128#s of 20/40 sand in 323 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4206 w/ ave rate of 15.5 bpm w/ 6 ppg of sand. ISIP was 2188. Actual flush: 1302 gals.
6/25/08	4784-4788	<b>Frac D1 sds as follows:</b> 15,255#s of 20/40 sand in 196 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3840 w/ ave rate of 15.5 bpm w/ 6 ppg of sand. ISIP was 1998. Actual flush: 1092 gals
6/25/08	4288-4292	<b>Frac GB6 sds as follows:</b> 22,087#s of 20/40 sand in 253 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3267 w/ ave rate of 15.5 bpm w/ 6 ppg of sand. ISIP was 1999. Actual flush: 1088 gals
06/27/09		<b>Recompletion</b> Rod & Tubing detail updated.
8/10/09		<b>Tubing leak.</b> Updated rod & tubing details.
4/25/2011		<b>Tubing leak.</b> Updated rod and tubing detail.
1/6/2012		<b>Parted rods.</b> Updated rod & tubing detail.
3/14/12		<b>Parted rods:</b> updated rod & tubing detail
12/19/12		<b>Convert to Injection Well</b>
12/20/12		<b>Conversion MIT Finalized</b> - update tbg detail

### PERFORATION RECORD

11/12/01	4989'-5003'	4 JSPF	56 holes
11/12/01	4931'-4935'	4 JSPF	16 holes
6/23/08	4288-4292'	4 JSPF	16 holes
6/23/08	4784-4788'	4 JSPF	16 holes
6/23/08	5210-5214'	4 JSPF	16 holes
6/23/08	5310-5314'	4 JSPF	16 holes
6/23/08	5732-5744'	4 JSPF	48 holes
6/23/08	5808-5814'	4 JSPF	24 holes

**NEWFIELD**

Ashley Federal 10-11-9-15  
2027' FSL & 2018' FEL  
NWSE Section 11-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32217; Lease #UTU-74826

# Ashley Federal 1-11-9-15

Spud Date: 9/5/2001  
Put on Production: 11/7/2001  
GL: 6050' KB: 6060'

Initial Production: 21.4 BOPD,  
71.9 MCFD, 94.2 BWPD

## SURFACE CASING

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (301 82')  
DEPTH LANDED 309 82'  
HOLE SIZE 12-1/4"  
CEMENT DATA 150 sxs Class "G" cmt, est 7 bbls cmt to surf

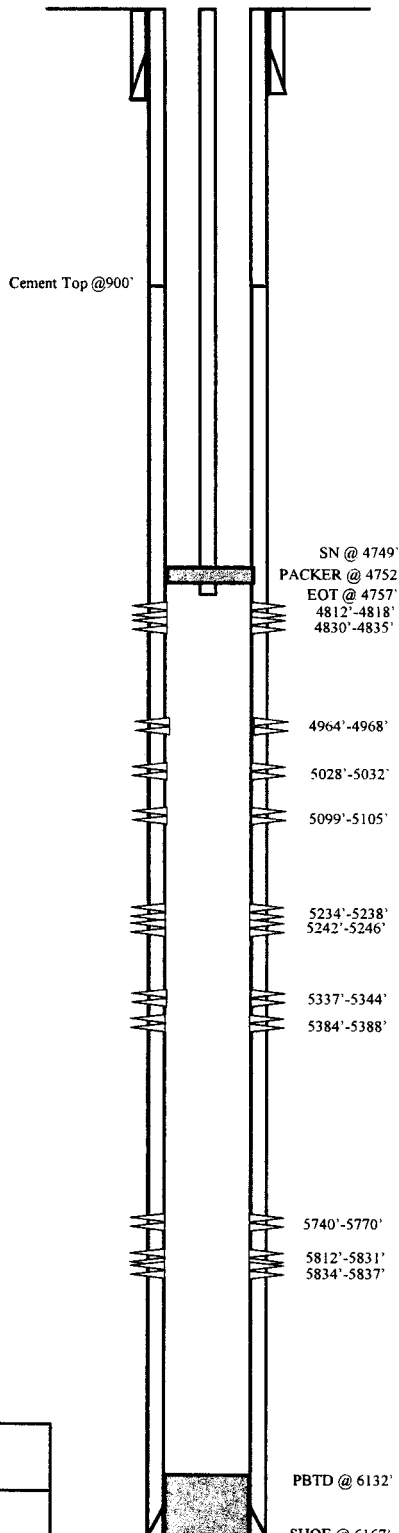
## PRODUCTION CASING

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15 5#  
LENGTH 148 jts (6169 79')  
DEPTH LANDED 6167 29'  
HOLE SIZE 7-7/8"  
CEMENT DATA 275 sxs HiLift "G" & 450 sxs 50/50 POZ  
CEMENT TOP AT 900'

## TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6 5#  
NO OF JOINTS 147 jts (4738 73')  
SN LANDED AT 4748 73'  
PACKER 4752'  
TOTAL STRING LENGTH: EOT @ 4757.15'

## Injection Wellbore Diagram



## FRAC JOB

11/3/01 5740'-5837' **Frac CP1,2 sands as follows:**  
217,000# 20/40 sand in 1355 bbls YF125 fluid Treated @ avg press of 2058 psi w/avg rate of 34 4 BPM ISIP 1978 psi Left shut in

11/3/01 5234'-5388' **Frac A-1/LODC sands as follows:**  
76,800# 20/40 sand in 602 bbls YF125 fluid Treated @ avg press of 2470 psi w/avg rate of 28 4 BPM ISIP 2090 psi Left shut in

11/3/01 4812'-5105' **Frac B/C/D-1 sands as follows:**  
71,180# 20/40 sand in 590 bbls YF125 fluid Treated @ avg press of 3420 psi w/avg rate of 28 5 BPM ISIP 2680 psi Open all zones and flow on 12/64" choke for 9 hours until well died

03/12/03 **Injection Conversion**

06/20/07 **Workover. Update rod and tubing details.**

## PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
11/3/01	4812'-4818'	4 JSPF	24 holes
11/3/01	4830'-4835'	4 JSPF	20 holes
11/3/01	4964'-4968'	4 JSPF	16 holes
11/3/01	5028'-5032'	4 JSPF	16 holes
11/3/01	5099'-5105'	4 JSPF	24 holes
11/3/01	5234'-5238'	4 JSPF	16 holes
11/3/01	5242'-5246'	4 JSPF	16 holes
11/3/01	5337'-5344'	4 JSPF	28 holes
11/3/01	5384'-5388'	4 JSPF	16 holes
11/3/01	5740'-5770'	4 JSPF	120 holes
11/3/01	5812'-5831'	4 JSPF	76 holes
11/3/01	5834'-5837'	4 JSPF	12 holes

**NEWFIELD**

Ashley Fed. #1-11-9-15  
856' FNL & 475' FEL  
NENE Section 11-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32213; Lease #UTU-74826

43-013-51106

NEWFIELD

GMBU R-12-9-15

Monument Butte - Duchesne County, Utah, USA

Surface Location: SW/SE Sec 12, T08, R15E; 739' FSL & 2044' FEL

Mickey Moulton

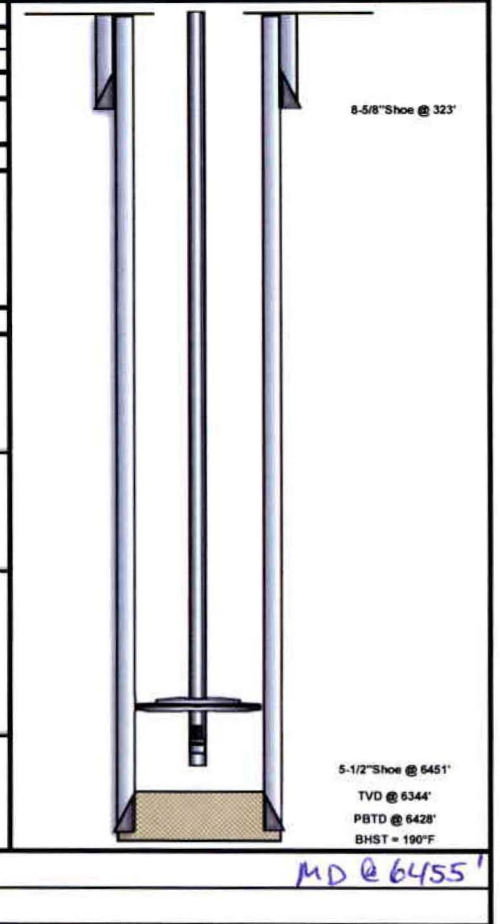
6084' GL 10' KB

DLB 12/3/12

API# 43-013-51106; Lease# UTU-74826

Spud Date: 8/30/12; PoP Date: 10/16/12

CASING DETAIL	Casing	Top	Bottom	Size	Wt	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole	
	Surf	10'	323'	8.625	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250	
	Prod	10'	6.451'	5.5"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875	
TBG DETAIL	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger			
	10'	6.240'	8EUE	2-7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @	6.142'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump				
	Polish Rod				30'	1 1/4"	C(API)	30'	1	Insert Pump: 2.5 Max ID x 1.75 Plunger RHAC @				
	Pony Rod			30'	32'	7/8"	C(API)	2'	1	8.163'				
	Pony Rod			32'	38'	7/8"	C(API)	6'	1					
	4per Guided Rod			38'	1.963'	7/8"	Tenaris D78	1.925'	77					
	4per Guided Rod				1.963'	5.463'	3/4"	Tenaris D78	3.500'	140				
	8per Guided Rod				5.463'	6.163'	7/8"	Tenaris D78	700'	28				
Stage	Top	Bottom	SPF	Gun Size	Date	Frac Summary								
4	4.358'	4.362'	3	4"	10/4/2012	Formation:	GB-8				KCL 7%			
						20/40 White:	13,105 lbs		15% HCL:		0 gals			
						Pad:	1,932 gals		Treating Fluid:		5,233 gals			
						Flush:	4,318 gals		Total Load to Rec:		11,483 gals			
						ISIP=	0.860 psi/ft		Max STP:		3,924 psi			
3	5.087'	5.089'	3	2"	10/4/2012	Formation:	A-Half B-2				KCL 7%			
	5.165'	5.166'	3	1"	10/4/2012	20/40 White:	19,614 lbs		15% HCL:		252 gals			
						Pad:	2,083 gals		Treating Fluid:		5,254 gals			
						Flush:	5,006 gals		Total Load to Rec:		12,592 gals			
						ISIP=	0.800 psi/ft		Max STP:		3,511 psi			
2	5.277'	5.279'	3	2"	10/4/2012	Formation:	LODC A-3				KCL 7%			
	5.290'	5.293'	3	3'	10/4/2012	20/40 White:	227,911 lbs		15% HCL:		252 gals			
	5.320'	5.322'	3	2"	10/4/2012	Pad:	6,699 gals		Treating Fluid:		45,100 gals			
	5.351'	5.354'	3	3'	10/4/2012	Flush:	11,474 gals		Total Load to Rec:		63,525 gals			
	5.370'	5.372'	3	2"	10/4/2012	ISIP=	0.770 psi/ft		Max STP:		3,639 psi			
	5.385'	5.388'	3	3'	10/4/2012									
	5.414'	5.417'	3	3'	10/4/2012	Note: Flush volume includes balls dropped								
1	5.790'	5.792'	3	2"	10/2/2012	Formation:	CP-4 CP-3 CP-1				KCL 7%			
	5.886'	5.888'	3	2"	10/2/2012	20/40 White:	64,629 lbs		15% HCL:		336 gals			
	6.023'	6.026'	3	3'	10/2/2012	Pad:	5,452 gals		Treating Fluid:		14,486 gals			
						Flush:	5,599 gals		Total Load to Rec:		25,872 gals			
						ISIP=	0.790 psi/ft		Max STP:		3,845 psi			
CEMENT	Surf	On 9/4/12 Baker cemented 8 5/8" casing w/ 160 sks Class "G" + 2% KCl + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield and returned 7 bbis to the pit												
	Prod	On 9/12/12 Baker pumped 250 sks lead @ 11 ppg w/ 3.53 yield plus 470 sks tail @ 14.4 ppg w/ 1.24 yield. Returned 20 bbis to the pit. TOC @ 60'												



MD @ 6455'



## NEWFIELD



## Schematic

43-013-51751

Well Name: GMBU M-12-9-15

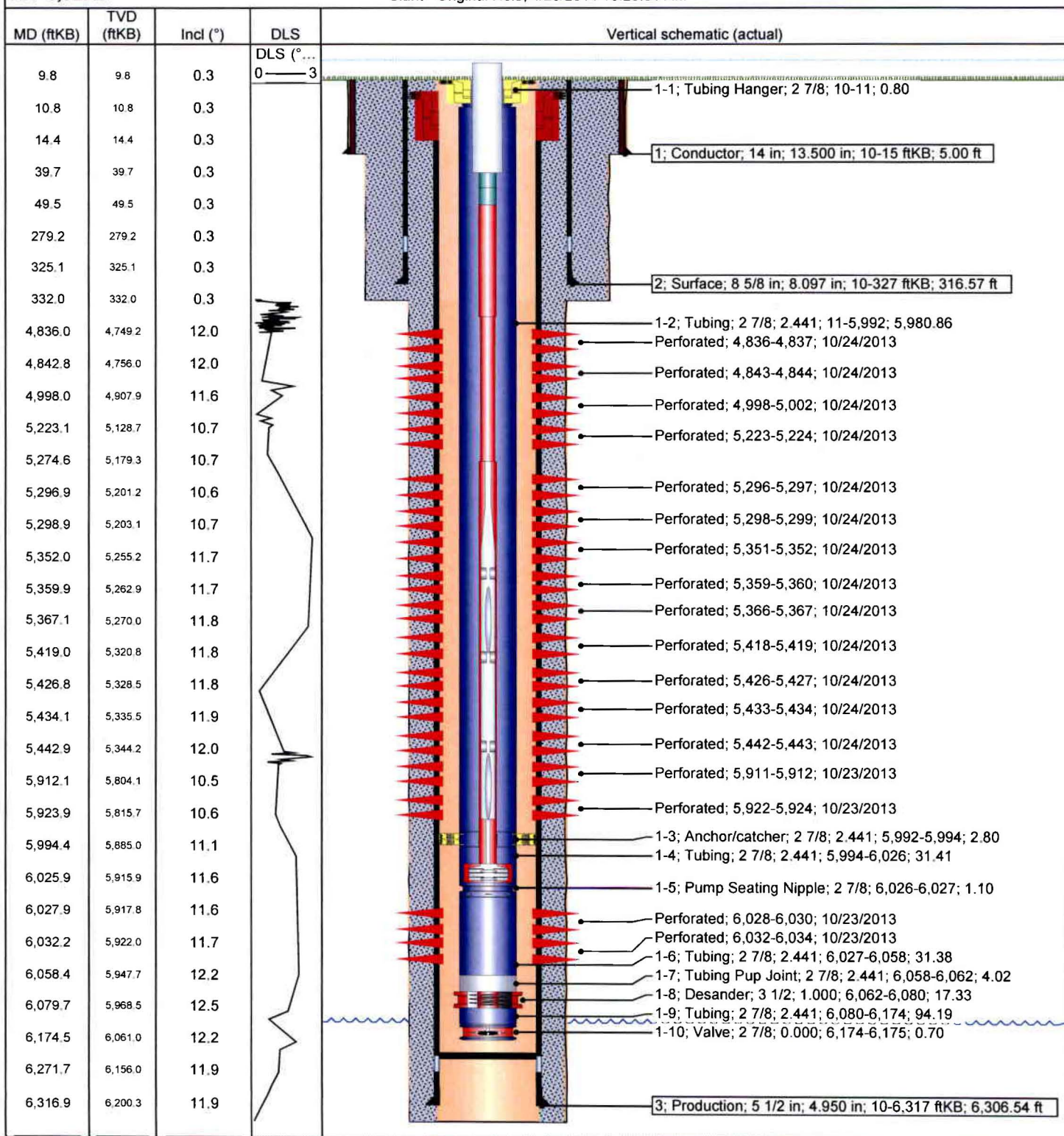
Surface Legal Location SENW 1999 FNL 2133 FWL Sec 12 T9S R15E Mer SLB			API/UWI 43013517510000	Well RC 500348079	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 9/25/2013	Rig Release Date 10/2/2013	On Production Date 10/30/2013	Original KB Elevation (ft) 6,053	Ground Elevation (ft) 6,043	Total Depth All (TVD) (ftKB) Original Hole - 6,210.2		PBTD (All) (ftKB) Original Hole - 6,270.0	

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 10/23/2013	Job End Date 10/30/2013
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TD: 6,327.0

Slant - Original Hole, 4/23/2014 10:20:51 AM







## Schematic

43-013-51752

Well Name: GMBU H-12-9-15

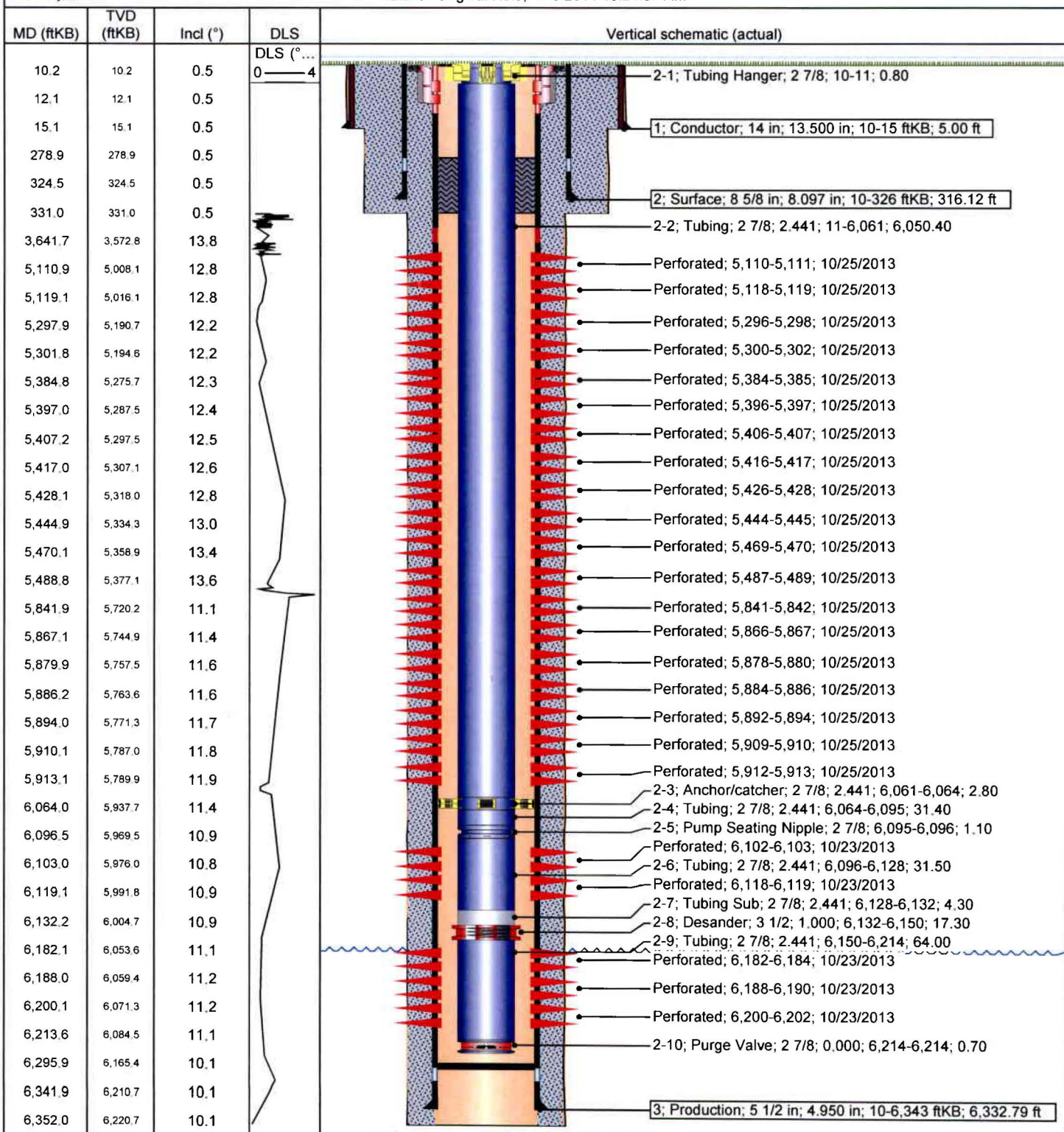
Surface Legal Location SENW 1996 FNL 2154 FWL Sec 12 T9S R15E Mer SLB				API/UWI 43013517520000	Well RC 500348075	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 9/25/2013	Rig Release Date 10/6/2013	On Production Date 11/1/2013	Original KB Elevation (ft) 6,053	Ground Elevation (ft) 6,043	Total Depth All (TVD) (ftKB) Original Hole - 6,220.6	PBTD (All) (ftKB) Original Hole - 6,296.0			

## Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Pump Repair	Job Start Date 1/8/2014	Job End Date 1/16/2014
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TD: 6,352.0

Slant - Original Hole, 4/23/2014 10:21:37 AM



43-013-51755

**NEWFIELD****GMBU W-12-9-15**

Monument Butte - Duchesne County; Utah, USA

Surface Legal Location: NW/NE Section 13, T9S, R15E; 669' FSL &amp; 653' FWL

Elevation: 6106' GL + 10' KB

API Number: 43-013-51755; Lease Number: UTU-66184

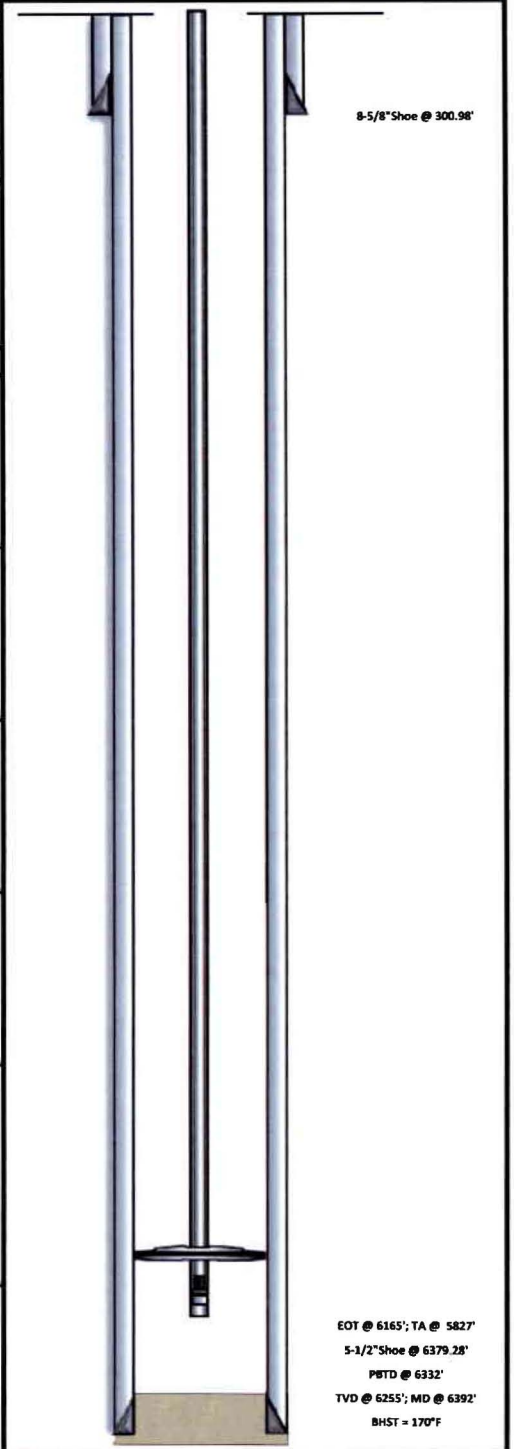
Paul Lembecke

PFM 5/30/2014

Spud Date: 7/1/2013

PoP Date: 8/16/2013

Casing Detail	Casing	Top	Bottom	Size	Wt.	Grade	Drift	Burst	Collapse	ID	gal/ft	Coupling	Hole
	Surf	10'	301'	8-5/8"	24#	J-55	7.972"	2,950	1,370	8.097"	2.6749	STC	12.250
	Prod	10'	6,379'	5-1/2"	15.5#	J-55	4.825"	4,810	4,040	4.950"	0.9997	LTC	7.875
Tubg Detail	Top	Bottom	Coupling	Size	Wt.	Grade	Drift	Burst	Collapse	ID	Packer/Hanger		
	10'	6,165'	8EUE	2 7/8"	6.5#	J-55	2.347"	7,260	7,680	2.441"	Tubing Anchor Set @ 5,827'		
ROD DETAIL	Component			Top	Bottom	Size	Grade	Length	Count	Pump			
	Polish Rod			0'	30'	1 1/2"	C(API)	30	1	Insert Pump: 2.5" Max ID x 1.75" Plunger RHAC @ 5848'			
	Pony Rod			30'	34'	7/8"	C(API)	4	1				
	Pony Rod			34'	40'	7/8"	C(API)	6	1				
	Pony Rod			40'	48'	7/8"	C(API)	8	1				
	4per Guided Rod			48'	1,973'	7/8"	Tenaris D78	1925	77				
	4per Guided Rod			1,973'	5,098'	3/4"	Tenaris D78	3125	125				
	4per Guided Rod			5,098'	5,848'	7/8"	Tenaris D78	750	30				
Stage	Top	Bottom	SPF	EHD	Date	Frac Summary							
6	0'	0'	3	-	-	Formation: GB4							
	0'	0'	3	-	-	Max. Slurry Rate:		31 BPM	20/40 Premium White:		14,700 lbs		
	0'	0'	3	-	-	Max. Pressure:		2,946 psi	Total Proppant:		14,700 lbs		
	0'	0'	3	-	-	15% HCl Acid:		0 gal	ISIP:		1,846 psi		
	4,322'	4,324'	3	0.34	8/13/2013	Slidewater:		6,207 gal					
	4,352'	4,353'	3	0.34	8/13/2013	17# Delta 140:		4,069 gal					
	4,357'	4,358'	3	0.34	8/13/2013	Total Fluid:		10,276 gal					
5	0'	0'	2	-	-	Formation: D53 PB-11							
	0'	0'	2	-	-	Max. Slurry Rate:		28 BPM	20/40 Premium White:		60,360 lbs		
	0'	0'	2	-	-	Max. Pressure:		3,162 psi	Total Proppant:		60,360 lbs		
	4,676'	4,677'	2	0.34	8/13/2013	15% HCl Acid:		500 gal	ISIP:		2,161 psi		
	4,679'	4,680'	2	0.34	8/13/2013	Slidewater:		6,391 gal					
	4,810'	4,812'	2	0.34	8/13/2013	17# Delta 140:		15,724 gal					
	4,816'	4,818'	2	0.34	8/13/2013	Total Fluid:		22,615 gal					
4	0'	0'	2	-	-	Formation: B1 C-Sand D-2							
	0'	0'	2	-	-	Max. Slurry Rate:		33 BPM	20/40 Premium White:		82,050 lbs		
	4,987'	4,988'	2	0.34	8/13/2013	Max. Pressure:		3,222 psi	Total Proppant:		82,050 lbs		
	4,995'	4,996'	2	0.34	8/13/2013	15% HCl Acid:		500 gal	ISIP:		2,324 psi		
	5,043'	5,044'	2	0.34	8/13/2013	Slidewater:		8,003 gal					
	5,049'	5,051'	2	0.34	8/13/2013	17# Delta 140:		21,202 gal					
	5,102'	5,104'	2	0.34	8/13/2013	Total Fluid:		29,705 gal					
3	0'	0'	2	-	-	Formation: A3 A1							
	0'	0'	2	-	-	Max. Slurry Rate:		31 BPM	20/40 Premium White:		67,910 lbs		
	0'	0'	2	-	-	Max. Pressure:		2,961 psi	Total Proppant:		67,910 lbs		
	0'	0'	2	-	-	15% HCl Acid:		500 gal	ISIP:		2,542 psi		
	5,278'	5,280'	2	0.34	8/13/2013	Slidewater:		7,491 gal					
	5,342'	5,344'	2	0.34	8/13/2013	17# Delta 140:		17,673 gal					
	5,370'	5,372'	2	0.34	8/13/2013	Total Fluid:		25,664 gal					
2	5,443'	5,444'	2	0.34	8/13/2013	Formation: LODC							
	5,453'	5,454'	2	0.34	8/13/2013	Max. Slurry Rate:		42 BPM	20/40 Premium White:		248,200 lbs		
	5,463'	5,464'	2	0.34	8/13/2013	Max. Pressure:		2,965 psi	Total Proppant:		248,200 lbs		
	5,517'	5,518'	2	0.34	8/13/2013	15% HCl Acid:		500 gal	ISIP:		2,494 psi		
	5,527'	5,528'	2	0.34	8/13/2013	Slidewater:		12,096 gal					
	5,535'	5,536'	2	0.34	8/13/2013	17# Delta 140:		60,375 gal					
	5,609'	5,610'	2	0.34	8/13/2013	Total Fluid:		72,971.000 gal					
	5,629'	5,630'	2	0.34	8/13/2013								
	5,634'	5,636'	2	0.34	8/13/2013								
1	0'	0'	3	-	-	Formation: CP1							
	0'	0'	3	-	-	Max. Slurry Rate:		28 BPM	20/40 Premium White:		24,000 lbs		
	0'	0'	3	-	-	Max. Pressure:		3,916 psi	ISIP:		2,026 psi		
	0'	0'	3	-	-	15% HCl Acid:		750 gal					
	0'	0'	3	-	-	Slidewater:		8,655 gal					
	0'	0'	3	-	-	17# Delta 140:		6,865 gal					
	5,858'	5,862'	3	0.34	8/12/2013	Total Fluid:		16,270 gal					





## NEWFIELD



## Schematic

43-013-51756

Well Name: GMBU X-12-9-15

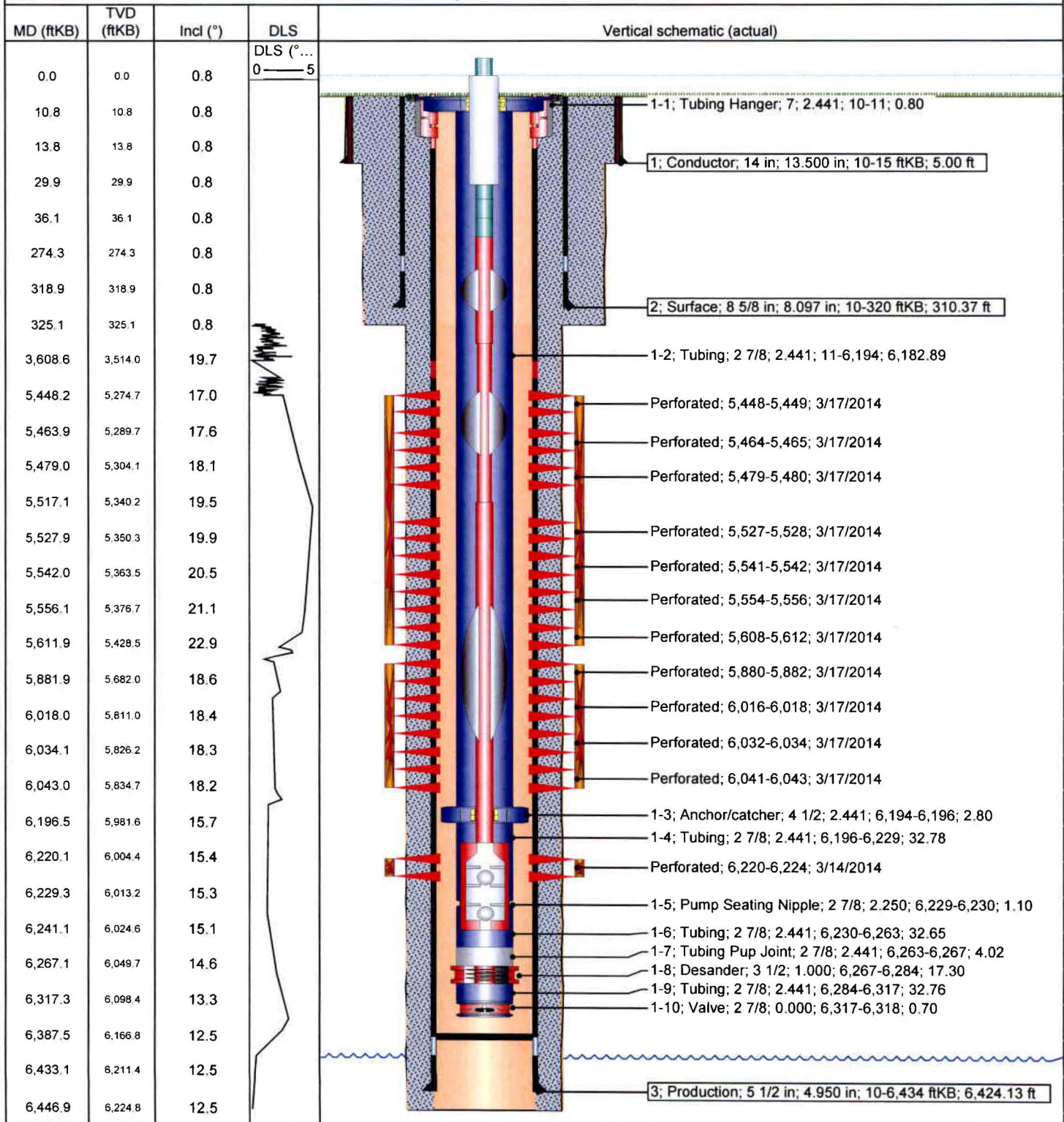
Surface Legal Location NWNW 824 FNL 535 FWL Sec 13 T9S R15E Mer SLB				API/UWI 43013517560000	Well RC 500348089	Lease UTU66184	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 2/10/2014	Rig Release Date 2/25/2014	On Production Date 3/24/2014	Original KB Elevation (ft) 6,174	Ground Elevation (ft) 6,164	Total Depth All (TVD) (ftKB) Original Hole - 6,225.0	PBTD (All) (ftKB) Original Hole - 6,387.5			

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 3/14/2014	Job End Date 3/20/2014
------------------------------------	--	---------------------------	-----------------------------	---------------------------

TD: 6,447.0

Slant - Original Hole, 4/23/2014 10:24:37 AM



## NEWFIELD



## Schematic

Well Name: GMBU L-11-9-15

43-013-51758

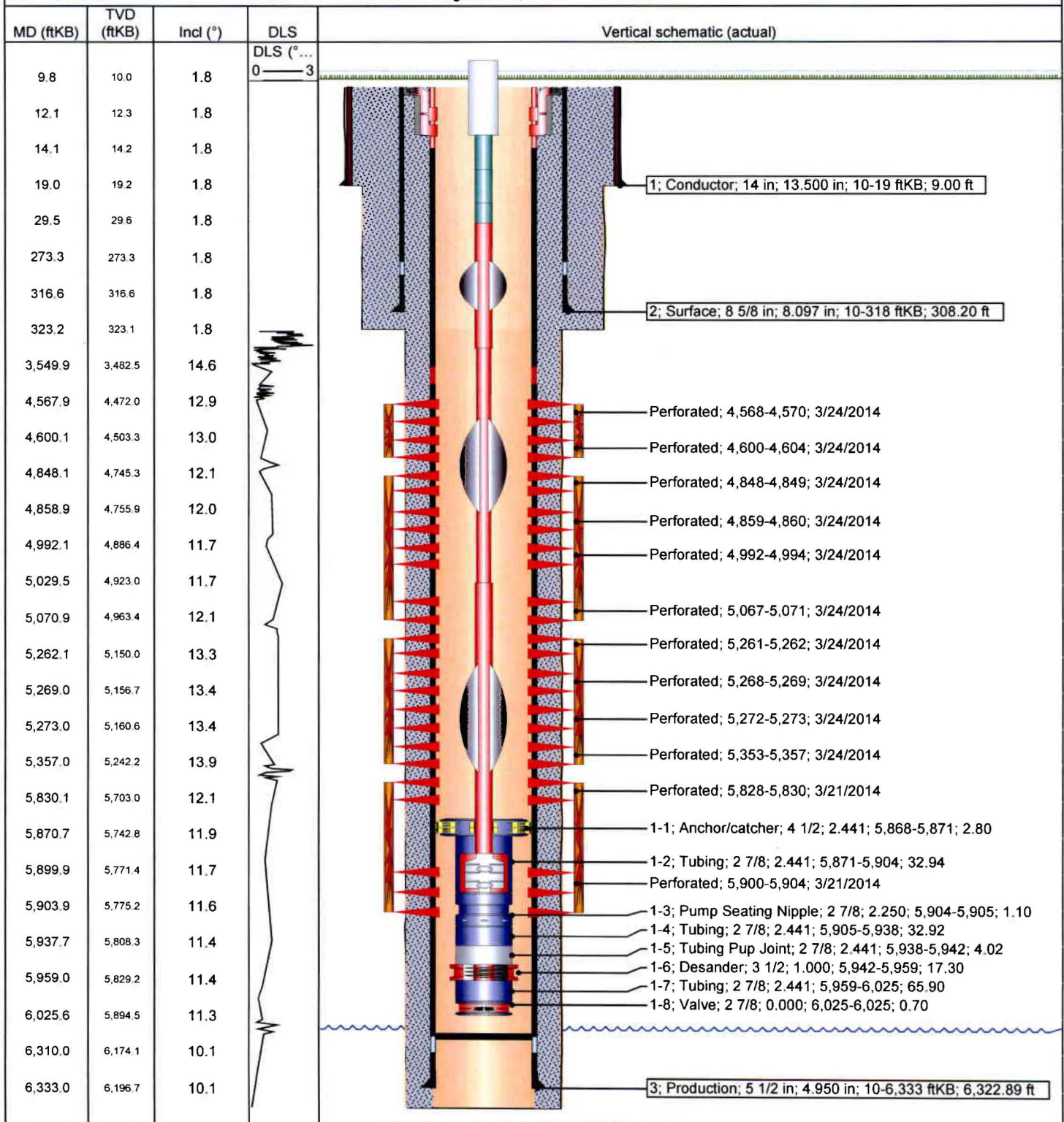
Surface Legal Location			API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNE 2143 FNL 2131 FEL Sec 11 T9S R15E			43013517580000	500346998	UTU74826	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)		
2/17/2014	3/4/2014		6,088	6,078	Original Hole - 6,210.4	Original Hole - 6,308.2		

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	3/21/2014	3/27/2014

TD: 6,347.0

Slant - Original Hole, 4/23/2014 10:18:29 AM





## NEWFIELD



## Schematic

43-013-51760

Well Name: GMBU J-11-9-15

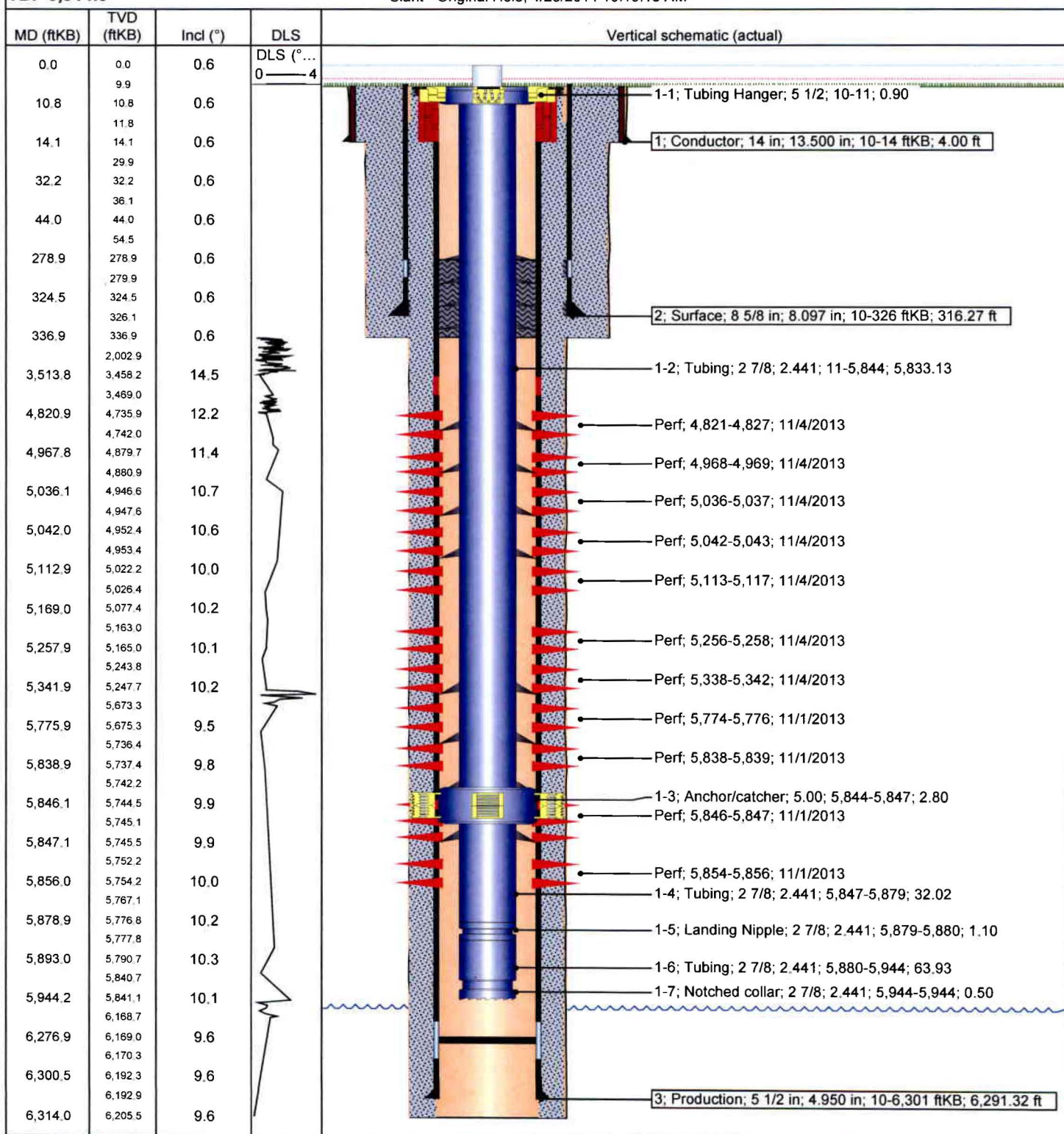
Surface Legal Location	SWNW 1822 FNL 728 FWL Sec 12 T9S R15E	API/UWI	4301351760000	Well RC	500348081	Lease	UTU74826	State/Province	Utah	Field Name	GMBU CTB2	County	Duchesne
Spud Date	9/6/2013	Rig Release Date	10/19/2013	On Production Date		Original KB Elevation (ft)	6,005	Ground Elevation (ft)	5,995	Total Depth All (TVD) (ftKB)	Original Hole - 6,205.6	PBTD (All) (ftKB)	Original Hole - 6,277.0

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	11/1/2013	

TD: 6,314.0

Slant - Original Hole, 4/23/2014 10:19:18 AM





## Schematic

43-013-51761

Well Name: GMBU N-12-9-15

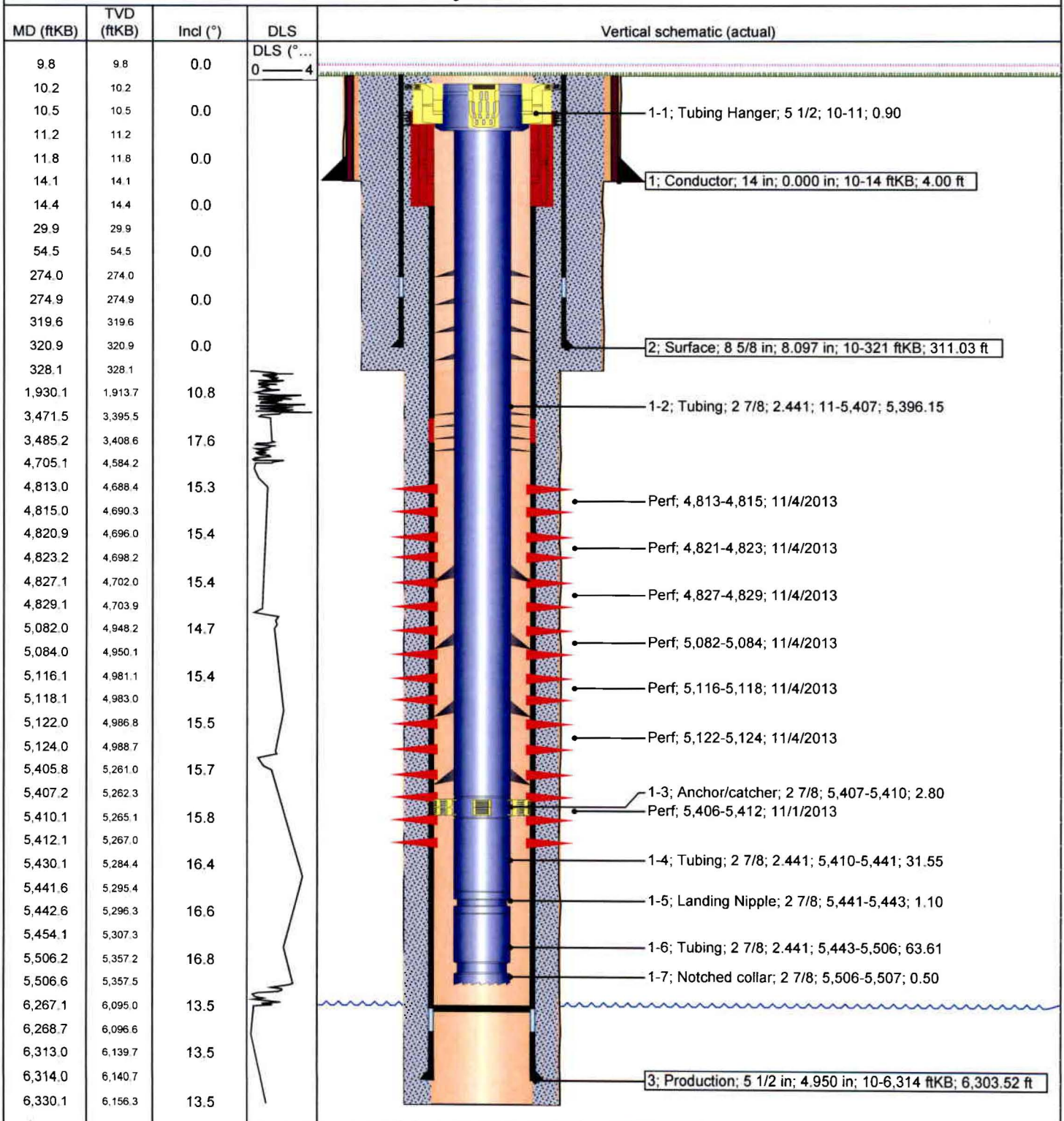
Surface Legal Location		API/UWI		Well RC	Lease	State/Province	Field Name	County
SWNW 1841 FNL 737 FWL Sec 12 T9S R15E Mer SLB		43013517610000		500348083	UTU74826	Utah	GMBU CTB2	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTB (All) (ftKB)		
9/7/2013	10/22/2013		6,005	5,995	Original Hole - 6,156.2	Original Hole - 6,267.0		

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	11/2/2013	

TD: 6,330.0

Slant - Original Hole, 4/23/2014 10:20:06 AM





## NEWFIELD



## Schematic

43-013-51762

Well Name: GMBU Q-12-9-15

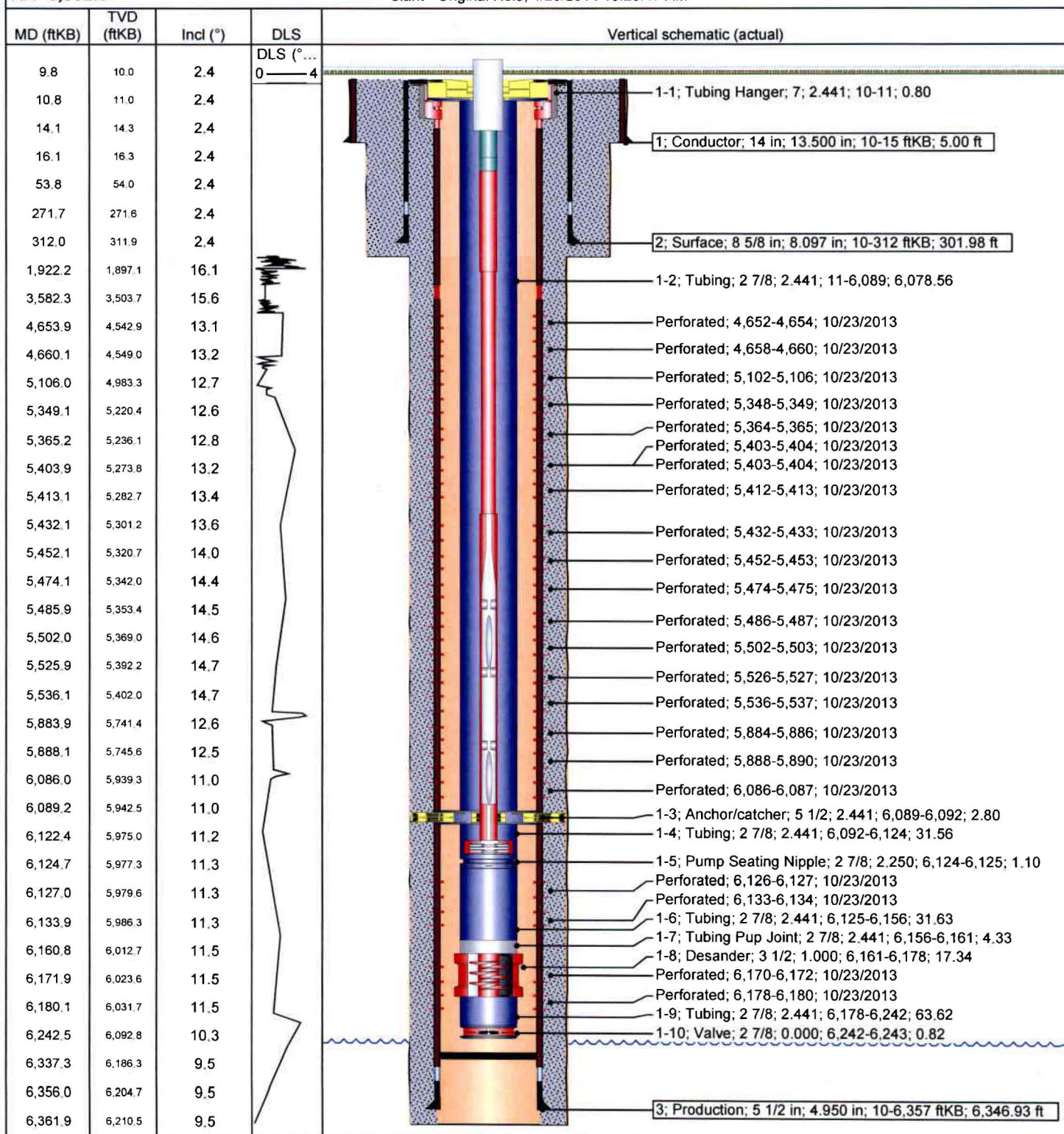
Surface Legal Location SWSW 502 FSL 675 FWL Sec 12 T9S R15E Mer SLB				API/UWI 43013517620000	Well RC 500348085	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 10/26/2013	Rig Release Date 11/6/2013	On Production Date 11/27/2013	Original KB Elevation (ft) 6,128	Ground Elevation (ft) 6,118	Total Depth All (TVD) (ftKB) Original Hole - 6,210.7	PBTD (All) (ftKB) Original Hole - 6,337.0			

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 11/21/2013	Job End Date 11/27/2013
------------------------------------	--	---------------------------	------------------------------	----------------------------

TD: 6,362.0

Slant - Original Hole, 4/23/2014 10:23:47 AM







## Schematic

43-013-52367

Well Name: GMBU Y-1-9-15

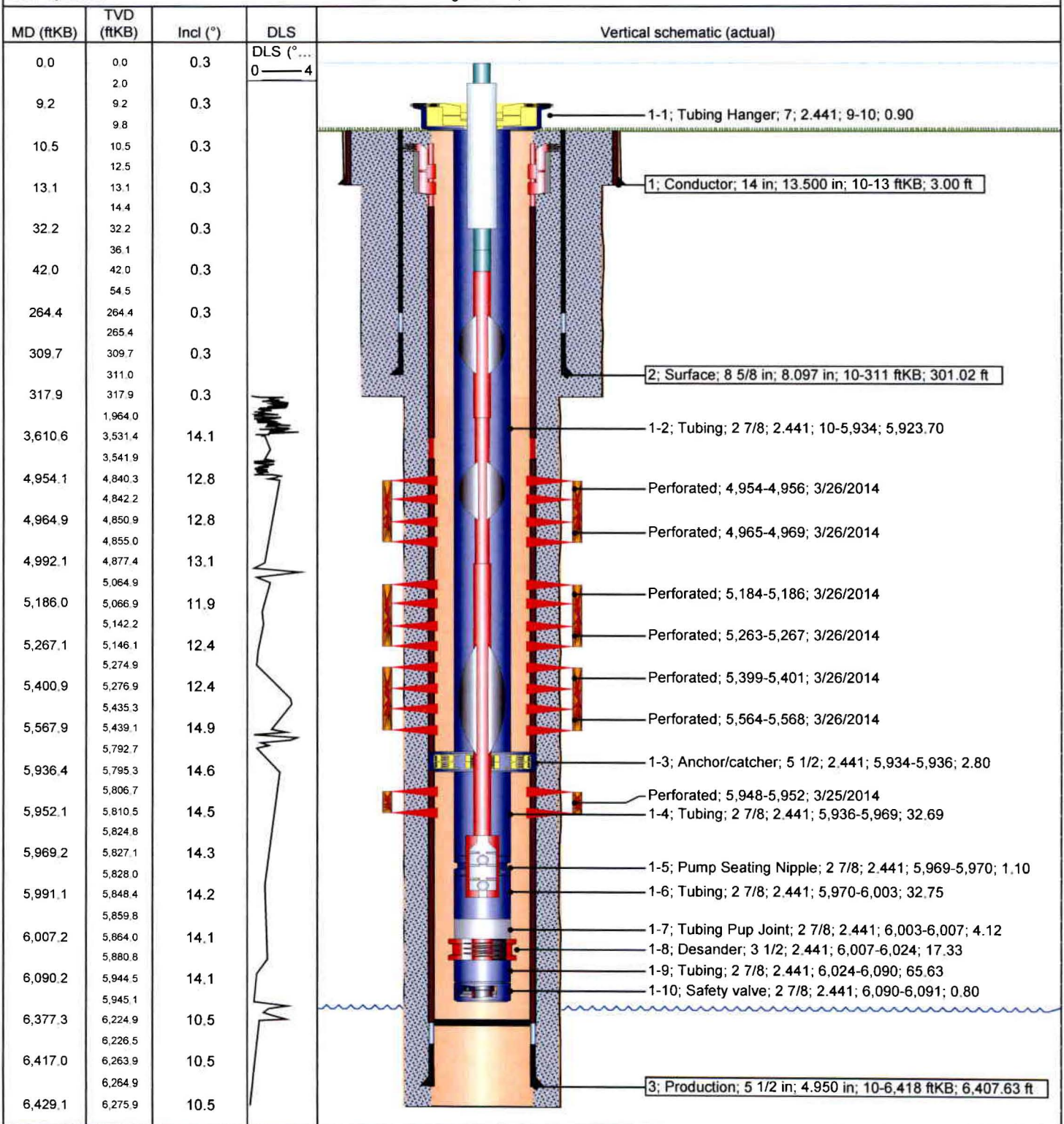
Surface Legal Location NENE 840 FNL 483 FEL Sec 11 T9S R15E				API/UWI 43013523670000	Well RC 500335561	Lease UTU74826	State/Province Utah	Field Name GMBU CTB2	County Duchesne
Spud Date 2/20/2014	Rig Release Date 3/11/2014	On Production Date 3/28/2014	Original KB Elevation (ft) 6,060	Ground Elevation (ft) 6,050	Total Depth All (TVD) (ftKB) Original Hole - 6,275.7	PBTD (All) (ftKB) Original Hole - 6,377.2			

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 3/25/2014	Job End Date 3/28/2014
------------------------------------	--	---------------------------	-----------------------------	---------------------------

TD: 6,429.0

Slant - Original Hole, 4/23/2014 10:17:26 AM



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-53130**Well Name: **Ashley IF**Sample Point: **tank**Sample Date: **1 / 7 / 2011**Sales Rep: **Monty Frost**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resistivity (Mohm):	1.0616

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
Barium (Ba):	7.62	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Sodium (Na):	2218.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.32	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

**Conclusions:****Notes:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION



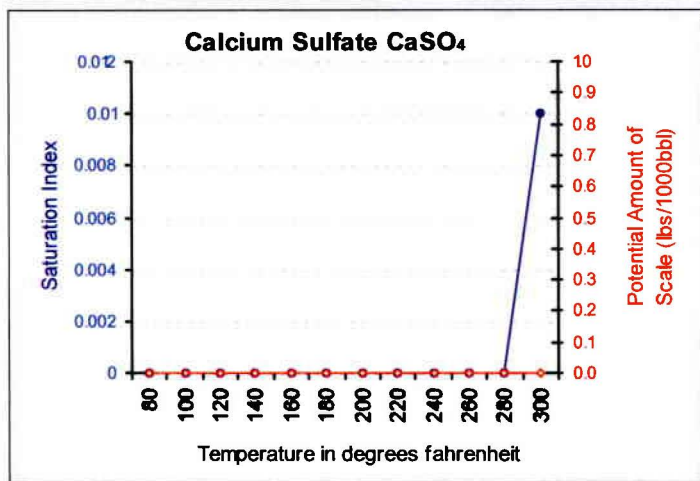
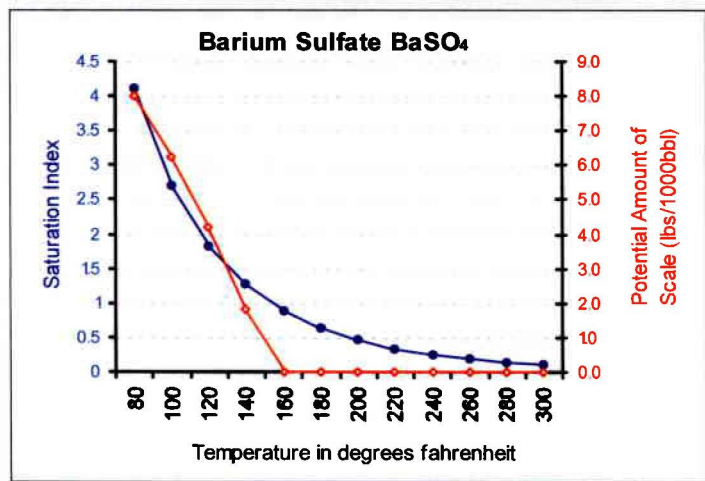
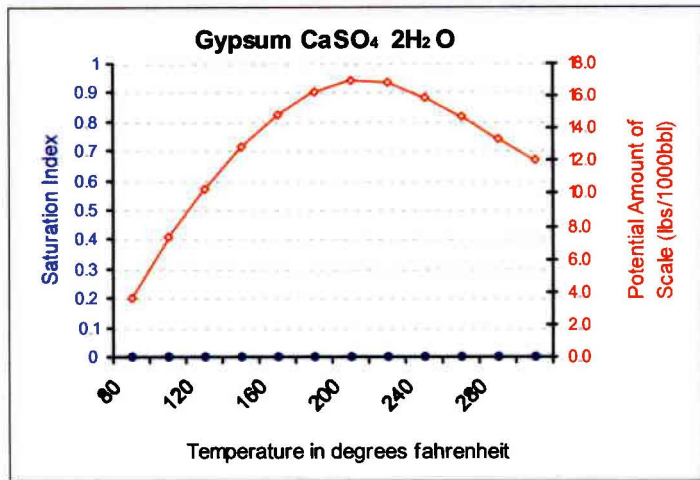
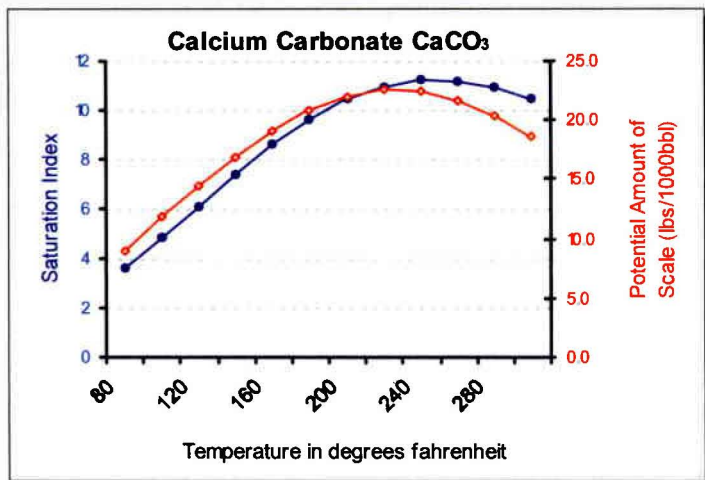
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

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**Scale Prediction Graphs**Well Name: **Ashley IF**Sample ID: **WA-53130**

**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

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**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-52884**Well Name: **Ashley 12-12-9-15**Sample Point: **Tank**Sample Date: **1 /12/2011**Sales Rep: **Monty Frost**Lab Tech: **John Keel**

Sample Specifics		Analysis @ Properties in Sample Specifics	
Test Date:	1/18/2011	<b>Cations</b>	<b>mg/L</b>
Temperature (°F):	100	Calcium (Ca):	16.60
Sample Pressure (psig):		Magnesium (Mg):	6.60
Specific Gravity (g/cm³):	1.0050	Barium (Ba):	9.80
pH:	7.81	Strontium (Sr):	-
Turbidity (NTU):	-	Sodium (Na):	4309.00
		Potassium (K):	-
		Iron (Fe):	0.37
		Manganese (Mn):	0.04
		Lithium (Li):	-
		Aluminum (Al):	-
		Ammonia NH₃:	-
Calculated T.D.S. (mg/L):	11595	<b>Anions</b>	<b>mg/L</b>
Molar Conductivity (µS/cm):	17569	Chloride (Cl):	6000.00
Resistivity (Mohm):	0.5692	Sulfate (SO₄):	33.00
		Dissolved CO₂:	-
		Bicarbonate (HCO₃):	1220.00
		Carbonate (CO₃):	-
		H₂S:	-
		Phosphate (PO₄):	-
		Silica (SiO₂):	-
		Fluoride (F):	-
		Nitrate (NO₃):	-
		Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> · 2H <sub>2</sub> O		Calcium Sulfate CaSO <sub>4</sub>		Strontium Sulfate SrSO <sub>4</sub>		Barium Sulfate BaSO <sub>4</sub>		Calculated CO <sub>2</sub>
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		1.62	4.63	0.00	-2507.90	0.00	-2638.50	-	-	7.41	13.87	0.48
80	0	1.20	1.71	0.00	-8.38	0.00	-2803.40	-	-	11.28	14.80	0.23
100	0	1.62	4.63	0.00	-3.82	0.00	-2638.50	-	-	7.41	13.87	0.29
120	0	2.03	7.00	0.00	-0.39	0.00	-2394.80	-	-	4.97	12.58	0.32
140	0	2.45	9.01	0.00	2.13	0.00	-2107.20	-	-	3.40	10.86	0.36
160	0	2.84	10.54	0.00	3.75	0.00	-1805.10	-	-	2.37	8.63	0.41
180	0	3.16	11.55	0.00	4.53	0.00	-1510.90	-	-	1.68	5.82	0.44
200	0	3.40	12.06	0.00	4.69	0.00	-1239.60	-	-	1.21	2.35	0.45
220	2.51	3.51	12.19	0.00	4.47	0.00	-1010.70	-	-	0.86	-2.15	0.45
240	10.3	3.54	12.00	0.00	4.10	0.00	-803.29	-	-	0.63	-7.25	0.46
260	20.76	3.49	11.57	0.00	3.69	0.00	-629.33	-	-	0.47	-13.24	0.47
280	34.54	3.35	10.92	0.00	3.28	0.00	-486.46	-	-	0.35	-20.22	0.47
300	52.34	3.15	10.05	0.00	2.89	0.01	-371.08	-	-	0.26	-28.32	0.48

**Conclusions:****Notes:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION



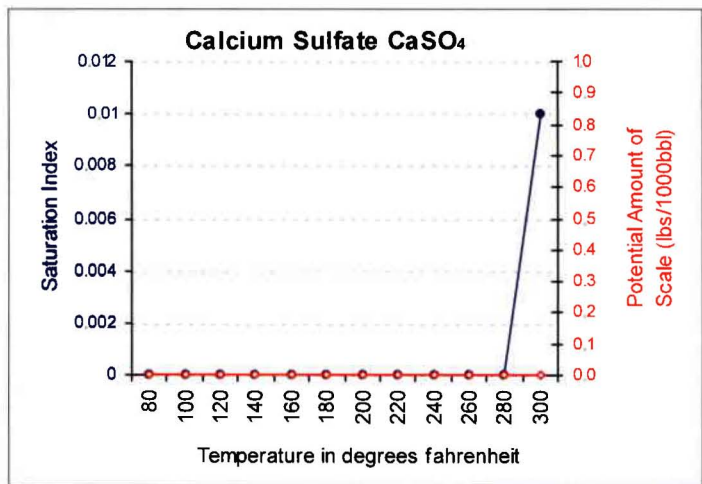
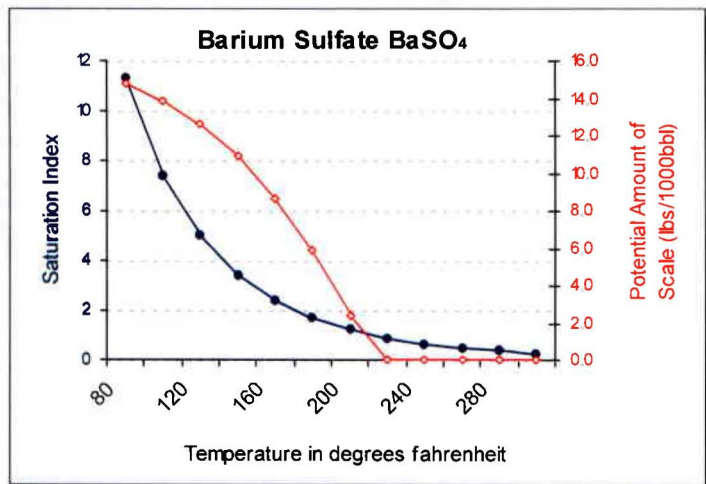
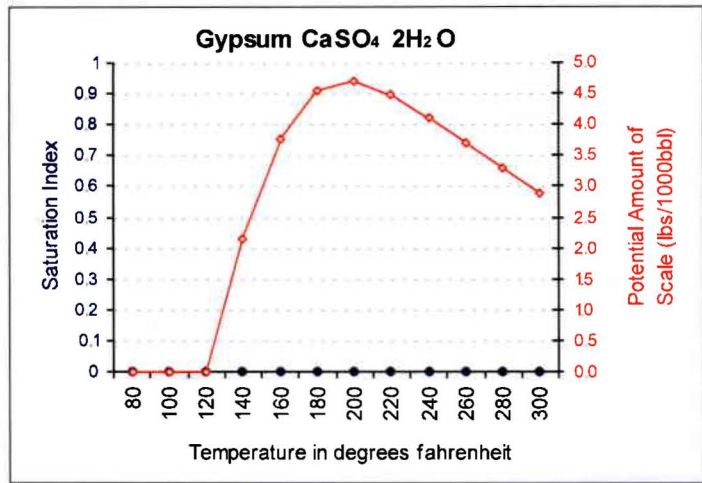
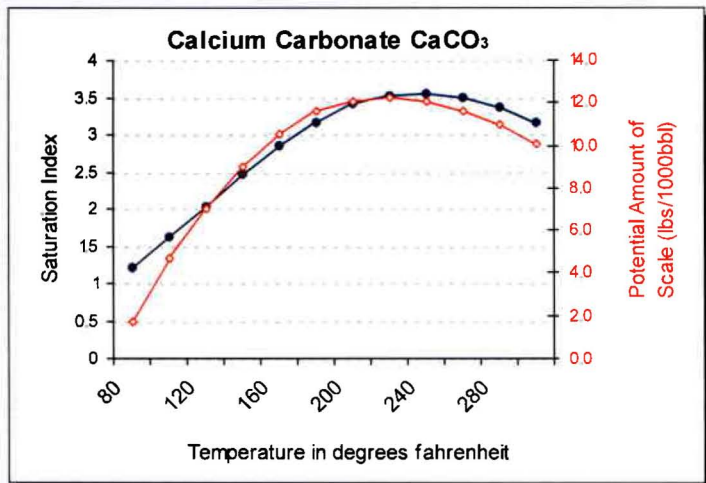
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

**Scale Prediction Graphs**Well Name: **Ashley 12-12-9-15**Sample ID: **WA-52884**

## Attachment "G"

### Ashley Unit #12-12-9-15 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5650	5909	5780	2075	0.80	2038 ←
5166	5351	5259	2325	0.88	2291
4670	4911	4791	2150	0.89	2120
4434	4449	4442	2230	0.94	2201
				<b>Minimum</b>	<u><u>2038</u></u>

#### Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



ATTACHMENT G-1

1 of 10

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 12-12-9-15

Report Date: October 1, 2002

Completion Day: 01

Present Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 Wt: 15.5# @ 6068' Csg PBTD: 5940' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	5650-5659'	4/36			
CP2 sds	5756-5760'	4/16			
CP3 sds	5792-5799'	4/28			
CP3 sds	5836-5842'	4/24			
CP4 sds	5856-5859'	4/12			
CP4 sds	5905-5909'	4/16			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 30, 2002

SITP: SICP: 0

Install 5M frac head. NU Cameron 6" 5M BOP. Pressure test csg, BOP (blind rams), frac head & csg valves to 3000 psi. RU Schlumberger and run CBL f/ WL TD of 5940' to cement top @ sfc. Perf stage #1 W/ 4" csg guns as follows: CP4 sds @ 5856-59' & 5905-09'; CP3 sds @ 5792-99' & 5836-42'; CP2 sds @ 5756-60' and CP1 sds @ 5650-59'. All 4 JSPF. 2 gun runs total. SIFN W/ est 142 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date: 0  
Fluid lost/recovered today: 0 Oil lost/recovered today:  
Ending fluid to be recovered: 142 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Weatherford BOP \$130

IPC NU crew \$300

Hagman trucking \$1,500

IPC trucking \$200

Drilling cost \$183,784

Zubiate HO trk \$400

Schlumberger-CBL/ CP \$6,079

Location preparation \$200

IPC wellhead \$1,500

IPC supervision \$300

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$194,393

TOTAL WELL COST: \$194,393



ATTACHMENT G-1  
2 of 10

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 12-12-9-15

Report Date: October 2, 2002

Completion Day: 02

Present Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 Wt: 15.5# @ 6068' Csg PBTD: 5940' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP1 sds	<u>5650-5659'</u>	<u>4/36</u>			
CP2 sds	<u>5756-5760'</u>	<u>4/16</u>			
CP3 sds	<u>5792-5799'</u>	<u>4/28</u>			
CP3 sds	<u>5836-5842'</u>	<u>4/24</u>			
CP4 sds	<u>5856-5859'</u>	<u>4/12</u>			
CP4 sds	<u>5905-5909'</u>	<u>4/16</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: October 1, 2002

SITP:            SICP: 0

Day 2(a):

NU BJ Services "Ram head" flange. RU BJ and frac CP sds W/ 97,958# 20/40 sand in 728 bbls Viking I-25 fluid. Perfs broke down @ 2620 psi. Treated @ ave press of 1985 psi W/ ave rate of 26.5 BPM. ISIP-2075 psi. Leave pressure on well. Est 870 BWTR.

See day 2(b)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142 Starting oil rec to date: 0  
Fluid lost/recovered today: 728 Oil lost/recovered today:             
Ending fluid to be recovered: 870 Cum oil recovered: 0  
IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP 1, CP2, CP3 & CP4 sands

7500 gals of pad

5000 gals W/ 1-5 ppg of 20/40 sand

10000 gals W/ 5-8 ppg of 20/40 sand

2514 gals W/ 8 ppg of 20/40 sand

Flush W/ 5544 gals of slick water

Weatherford BOP \$130

BJ Services-CP sds \$23,779

IPC frac wtr (piped) \$150

IPC fuel gas \$150

IPC supervision \$100

Max TP: 2620 Max Rate: 27.4 BPM Total fluid pmpd: 728 bbls

Avg TP: 1985 Avg Rate: 26.5 BPM Total Prop pmpd: 97,958#

ISIP: 2075 5 min:            10 min:            FG: .79

Completion Supervisor: Gary Dietz

DAILY COST: \$24,309

TOTAL WELL COST: \$218,702





ATTACHMENT G-1  
3 of 10

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 12-12-9-15

Report Date: October 2, 2002

Completion Day: 02

Present Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 Wt: 15.5# @ 6068' Csg PBTD: 5940' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5460'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A3 sds	5166-5187'	2/42	CP1 sds	5650-5659'	4/36
LODC sds	5197-5206'	2/18	CP2 sds	5756-5760'	4/16
LODC sds	5210-5286'	2/152	CP3 sds	5792-5799'	4/28
LODC sds	5304-5331'	2/54	CP3 sds	5836-5842'	4/24
LODC sds	5342-5351'	2/18	CP4 sds	5856-5859'	4/12
			CP4 sds	5905-5909'	4/16

CHRONOLOGICAL OPERATIONS

Date Work Performed: October 1, 2002

SITP: SICP: 2075

Day 2(b):

RU Schlumberger WLT, crane & lubricator. First run: Weatherford 5 1/2" composite flow-through frac plug & 9' X 4" perf gun. Set plug @ 5460'. Perf stage #2 as follows: LODC sds @ 5342-51', 5304-31', 5210-86' & 5197-5206' and A3 sds @ 5166-87'. All @ 2 JSPF. 8 runs total. RU BJ Services and frac A/LODC sds W/ 247,462# 20/40 sand in 1642 bbls Viking I-25 fluid. Perfs broke down @ 3971 psi. Treated @ ave press of 1932 psi W/ ave rate of 26.5 BPM. ISIP-2325 psi. Leave pressure on well. Est 2512 BWTR.

See day 2(c)

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 870 Starting oil rec to date: 0  
Fluid lost/recovered today: 1642 Oil lost/recovered today:  
Ending fluid to be recovered: 2512 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: A3 and LODC sands

18850 gals of pad

13125 gals W/ 1-5 ppg of 20/40 sand

26250 gals W/ 5-8 ppg of 20/40 sand

5649 gals W/ 8 ppg of 20/40 sand

Flush W/ 5082 gals of slick water

Weatherford service \$550

BJ Services-A/LODC \$41,207

IPC frac wtr (piped) \$300

IPC fuel gas \$150

Schlumberger-A/LODC \$7,029

Weatherford frac plug \$2,750

IPC supervision \$100

Max TP: 2540 Max Rate: 28 BPM Total fluid pmpd: 1642 bbls

Avg TP: 1932 Avg Rate: 26.5 BPM Total Prop pmpd: 247,462#

ISIP: 2325 5 min: 10 min: FG: .88

Completion Supervisor: Gary Dietz

DAILY COST: \$52,086

TOTAL WELL COST: \$270,788



**TOTAL WELL COST: \$292,444**



ATTACHMENT G-1  
50810

DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 12-12-9-15

Report Date: October 2, 2002

Completion Day: 02

Present Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8 @ 306' Prod Csg: 5 1/2 Wt: 15.5# @ 6068' Csg PBTD: 5940' W.L.  
Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5460'

BP/Sand PBTD: 4970'

BP/Sand PBTD: 4480'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB10 sds	4434-4442'	4/32	LODC sds	5304-5331'	2/54
PB10 sds	4444-4449'	4/20	LODC sds	5342-5351'	2/18
D1 sds	4670-4680'	4/40	CP1 sds	5650-5659'	4/36
D3 sds	4773-4778'	4/20	CP2 sds	5756-5760'	4/16
B2 sds	4906-4911'	4/20	CP3 sds	5792-5799'	4/28
A3 sds	5166-5187'	2/42	CP3 sds	5836-5842'	4/24
LODC sds	5197-5206'	2/18	CP4 sds	5856-5859'	4/12
LODC sds	5210-5286'	2/152	CP4 sds	5905-5909'	4/16

CHRONOLOGICAL OPERATIONS

Date Work Performed: October 1, 2002

SITP: SICP: 2150

Day 2(d):

RU Schlumberger. Run Weatherford 5 1/2" composite flow-through frac plug & 2- 4" perf guns. Set plug @ 4480'. Perf stage #4 as follows: PB10 sds @ 4434-42' & 4444-49' W/ 4 JSPF. 1 run total. RU BJ Services and frac PB10 sds W/ 36,164# 20/40 sand in 348 bbls Viking I-25 fluid. Perfs broke down @ 4067 psi. Treated @ ave press of 2456 psi W/ ave rate of 24 BPM. ISIP-2230 psi. RD BJ & WLT. Begin immediate flowback of fracs on 12/64 choke @ 1 BPM. Combined frac loads of 3336 bbls. Zones flowed 5 3/4 hrs & died. Rec 231 BTF (est 7% of combined frac loads). SIFN W/ est 3247 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 3130 Starting oil rec to date: 0  
Fluid lost/recovered today: 117 Oil lost/recovered today:  
Ending fluid to be recovered: 3247 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: PB10 sands

3200 gals of pad

2500 gals W/ 1-5 ppg of 20/40 sand

4598 gals W/ 5-8 ppg of 20/40 sand

Flush W/ 4326 gals of slick water

Schlumberger-PB sds \$2,540

BJ Services-PB sds \$9,105

IPC frac wtr (piped) \$100

IPC fuel gas \$100

Weatherford frac plug \$2,750

IPC frac tks (7X5 days) \$1,400

IPC frac head rental \$300

IPC flowback super \$300

IPC supervision \$100

Max TP: 2481 Max Rate: 24.3 BPM Total fluid pmpd: 348 bbls

Avg TP: 2456 Avg Rate: 24 BPM Total Prop pmpd: 36,164#

ISIP: 2230 5 min: 10 min: FG: .94

Completion Supervisor: Gary Dietz

DAILY COST: \$16,695

TOTAL WELL COST: \$309,139



**WELL NAME:** • **Ashley Federal 12-12-9-15**

Report Date: October 4, 2002**Completion Day: 03**[illegible]

Rig: Pool # 822

Surf Csg:	<u>8 5/8</u>	@	<u>306'</u>	Prod Csg:	<u>5 1/2</u>	Wt:	<u>15.5#</u>	@	<u>6068'</u>	Csg PBTD:	<u>5940' W.L.</u>
Tbg:	Size:	<u>2 7/8</u>	Wt:	<u>6.5#</u>	Grd:	<u>J-55</u>	Pkr/EOT	@:	<u>4350'</u>	BP/Sand PBTD:	<u>5460'</u>

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
PB10 sds	4434-4442'	4/32	LODC sds	5304-5331'	2/54
PB10 sds	4444-4449'	4/20	LODC sds	5342-5351'	2/18
D1 sds	4670-4680'	4/40	CP1 sds	5650-5659'	4/36
D3 sds	4773-4778'	4/20	CP2 sds	5756-5760'	4/16
B2 sds	4906-4911'	4/20	CP3 sds	5792-5799'	4/28
A3 sds	5166-5187'	2/42	CP3 sds	5836-5842'	4/24
LODC sds	5197-5206'	2/18	CP4 sds	5856-5859'	4/12
LODC sds	5210-5286'	2/152	CP4 sds	5905-5909'	4/16

**Date Work Performed:** **October 3, 2002**

**SITP:**                      **SICP:**

MIRU Pool # 822. Bleed well off. ND 5M BOP's & X-out tbq heads. NU Schaeffer BOP. Talley, drift, PU & TIH w/ new Varel 4 3/4" tooth bit, bit sub & 2 7/8 8rd 6.5# J-55 tbq. Tag fill @ 4437'. RU swivel. C/O fill to plug 4480'. Drill through plug in 30 minutes. Continue swivelling jts in hole. Tag fill @ 4849'. C/O fill to plug. Drill through plug in 40 minutes. Getting steady sand stream in returns while drilling out plug. Circ hole clean. No water lost to day. RD swivel. TOOH w/ 20 its tbq. EOT @ 4350' SWIFN.

Starting fluid load to be recovered: <u>3247</u>			Starting oil rec to date: <u>0</u>		
Fluid lost/recovered today: <u>0</u>			Oil lost/recovered today: <u>          </u>		
Ending fluid to be recovered: <u>3247</u>			Cum oil recovered: <u>0</u>		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

## COSTS

## TUBING DETAIL

## ROD DETAIL

4 3/4" bit  
bit sub  
140 2 7/8" J-55 tbq

Pool # 822	\$4,556
Weatherford BOP	\$130
IPC water truck	\$200
Betts trucking	\$600
Hagman trucking	\$1,000
Aztec 2 7/8 J-55 tbg	\$18,361
Rock Mt TOC	\$260
Varel tooth bit	\$450
IPC supervision	\$100

DAILY COST:	\$25,657
TOTAL WELL COST:	\$334,796

**Completion Supervisor:** Ray Herrera



	<u>TUBING DETAIL</u>	<u>ROD DETAIL</u>		
			Pool # 822	\$3,116
			Weatherford BOP	\$130
	4 3/4" bit		INI watertruck	\$300
	bit sub		IPC supervision	\$200
185	2 7/8" J-55 tbg			
			DAILY COST:	\$3,746
			TOTAL WELL COST:	\$338,542
	Completion Supervisor:	Ray Herrera		



**WELL NAME:** Ashley Federal 12-12-9-15

**Report Date:** October 7, 2002

**Completion Day: 05**

<b>Present Operation:</b>	<b>Completion</b>
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Rig: Pool # 822

Surf Csg:	8 5/8	@	306'	Prod Csg:	5 1/2	Wt:	15.5#	@	6068'	Csg PBTD:	5984
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Pkr/EOT	@:	5902	BP/Sand PBTD:	5984

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
PB10 sds	4434-4442'	4/32	LODC sds	5304-5331'	2/54
PB10 sds	4444-4449'	4/20	LODC sds	5342-5351'	2/18
D1 sds	4670-4680'	4/40	CP1 sds	5650-5659'	4/36
D3 sds	4773-4778'	4/20	CP2 sds	5756-5760'	4/16
B2 sds	4906-4911'	4/20	CP3 sds	5792-5799'	4/28
A3 sds	5166-5187'	2/42	CP3 sds	5836-5842'	4/24
LODC sds	5197-5206'	2/18	CP4 sds	5856-5859'	4/12
LODC sds	5210-5286'	2/152	CP4 sds	5905-5909'	4/16

**Date Work Performed:** **October 5, 2002**

**SITP: 10      SICP: 10**

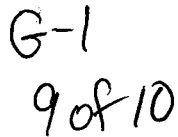
Con't swabbing all zones w/ EOT @ 5909. Made 42 runs recoveing 302 total fluid. Recovered 287 BW, 15 BO, Trace of sand in last 7 swab runs w/ lite gas. IFL 300'. FFL 1200' ave fluid level 1200'. SWIFN. Est 2860 BWTR.

<b>Starting fluid load to be recovered:</b>	<u>3147</u>	<b>Starting oil rec to date:</b>	<u>0</u>
<b>Fluid lost/recovered today:</b>	<u>287</u>	<b>Oil lost/recovered today:</b>	<u>15</u>
<b>Ending fluid to be recovered:</b>	<u>2860</u>	<b>Cum oil recovered:</b>	<u>15</u>
<b>IFL:</b>	<b>FFL:</b>	<b>FTP:</b>	
		<b>Choke:</b>	<b>Final Fluid Rate:</b>
			<b>Final oil cut: 5%</b>

[illegible]

**Completion Supervisor:** Ray Herrera

DAILY COST:	\$3,253
TOTAL WELL COST:	\$331,795



**Completion Supervisor:** Ray Herrera



**Completion Day: 07**

Rig: Pool # 822

Surf Csg:	8 5/8	@	306'	Prod Csg:	5 1/2	Wt:	15.5#	@	6068'	Csg PBTD:	5984
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	Pkr/EOT	@:	5880'	BP/Sand PBTD:	5984

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
PB10 sds	4434-4442'	4/32	LODC sds	5304-5331'	2/54
PB10 sds	4444-4449'	4/20	LODC sds	5342-5351'	2/18
D1 sds	4670-4680'	4/40	CP1 sds	5650-5659'	4/36
D3 sds	4773-4778'	4/20	CP2 sds	5756-5760'	4/16
B2 sds	4906-4911'	4/20	CP3 sds	5792-5799'	4/28
A3 sds	5166-5187'	2/42	CP3 sds	5836-5842'	4/24
LODC sds	5197-5206'	2/18	CP4 sds	5856-5859'	4/12
LODC sds	5210-5286'	2/152	CP4 sds	5905-5909'	4/16

**SITP:**                      **SICP:**

PU & TIH W/ Axelson 2 1/2"x1 1/2"x16' RHAC pump and A & B grade rod string as follows: 6- 1 1/2" weigh bars ( A ), 10- 3/4" scraped rods ( A ), 115- 3/4" plain rods ( B ), 101- 3/4" scraped rods ( A ), 1 1/2" x 22' polished rod ( A ). Seat pump. RU pumping unit. Fill tbg w/ 2 BW. Pressure test pump & tbg to 200 psi. Stroke pump up w/ unit to 800 psi. Good pump action. RDMOSU. East 2861 BWTR. **Place well on production @ 4:00 pm 10/8/02 W/90" SL @ 5 SPM. Final REPORT.**

Starting fluid load to be recovered:	2863	Starting oil rec to date:	0
Fluid lost/Recovered today:	2	Oil lost/recovered today:	0
Ending fluid to be recovered:	2861	Cum oil recovered:	15
IFL:	FFL:	FTP:	Choke:
			Final Fluid Rate:
			Final oil cut:

<u>TUBING DETAIL</u>		<u>ROD DETAIL</u>	Pool # 822	\$2,071
KB	<u>10.00</u>		IPC water truck	\$200
180	Jt's27/8' TbgJ-55 (5738.55')	1 1/2" x 22' polished rod	RNI watertruck	\$1,300
	TA 2.80' @ 5748.55'/KB	101- 3/4" scrapered rods	IPC supervision	\$200
2	Jt's27/8' TbgJ-55 (62.78')	115 - 3/4" plain rods	IPC Loc. Clean up	\$200
	SN 1.10' @ 5814.13'/KB	10 - 3/4" scrapered rods	A & B grade rod string	\$9,905
2	Jt's27/8' Tbg J-55 (63.92')	6 - 1 1/2" weight bars	IPC swab tank (4 days)	\$200
	NC .45 @ 5879.6'/KB	Axelson 2 1/2"x1 1/2" x 16'	Mt west sanitation	\$200
		pump	Zubiate hot oil	\$411
			DAILY COST:	\$14,687
Completion Supervisor:	Ray Herrera		TOTAL WELL COST:	\$351,145



## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4384'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 180' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
- 5.. Plug #4 Pump 41 sx Class "G" cement down 5 ½" casing to 356'

The approximate cost to plug and abandon this well is \$42,000.

## Ashley Unit #12-12-9-15

Spud Date: 7/24/01  
Put on Production: 10/8/02  
GL: 6023' KB: 6033'

Initial Production: BOPD,  
MCFD, BWPD

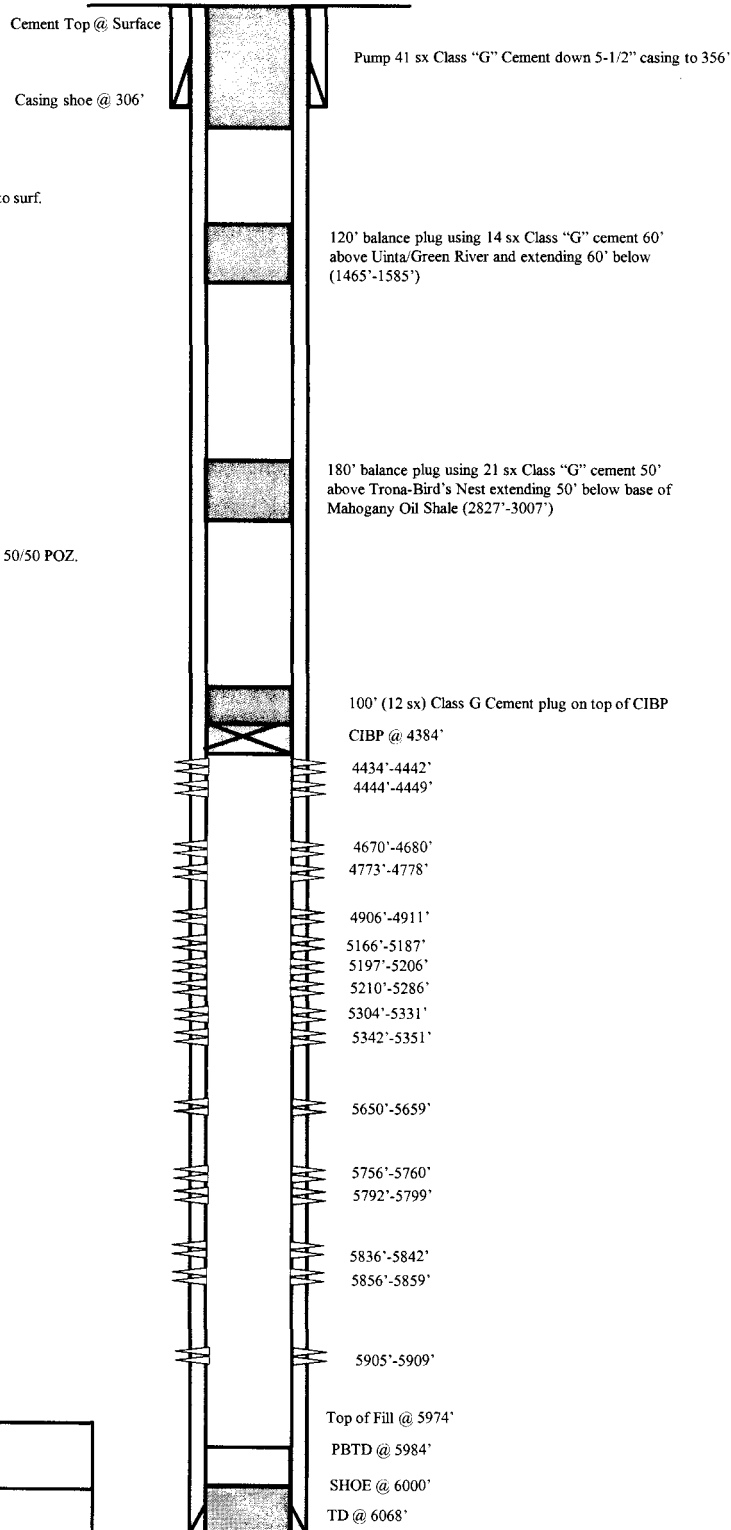
### Proposed P & A Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (297')  
DEPTH LANDED: 306' KB  
HOLE SIZE: 12 1/4"  
CEMENT DATA: 200 sxs Class "G" cmt, est 5 bbls cmt to surf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 135 jts. (6001.95')  
DEPTH LANDED: 5999.95' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: Surface



**NEWFIELD**

### Ashley Unit 12-12-9-15

1996' FSL & 565' FWL  
NW/SW Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32174; Lease #UTU-74826

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1996 FSL 565 FWL

NWSW Section 12 T9S R15E

5. Lease Serial No.

USA UTU-74826

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

8. Well Name and No.

ASHLEY U 12-12

9. API Well No.

4301332174

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Jill Loyle

Signature

Title

Regulatory Technician

Date

06/28/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-379

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298  
Ashley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214  
Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295  
Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297  
Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006  
Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007  
Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170  
Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165  
Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172  
Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174  
Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327  
Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178  
West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING



Brad Hill  
Permitting Manager

**Newfield Production Company**

**ASHLEY 8-10-9-15, ASHLEY 2-11-9-15, ASHLEY 4-11-9-15, ASHLEY 6-11-9-15, ASHLEY U 2-12,  
ASHLEY U 4-12, ASHLEY U 6-12, ASHLEY U 8-12, ASHLEY U 10-12, ASHLEY U 12-12,  
ASHLEY 14-12-9-15, ASHLEY U 16-12, WEST POINT 14-5-9-16**

**Cause No. UIC-379**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Ute Tribe  
P.O. Box 190  
Ft. Duchesne, UT 84026

  
Jean Sweet



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 14, 2011

Via e-mail: [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



## Order Confirmation for Ad #0000708789-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EEmail</b>	earlenerussell@utah.gov	Jean	mfultz

<b>Total Amount</b>	<b>\$202.50</b>			
<b>Payment Amt</b>	<b>\$0.00</b>			
<b>Amount Due</b>	<b>\$202.50</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1
<b>Payment Method</b>		<b>PO Number</b>	20110713	
<b>Confirmation Notes:</b>				
<b>Text:</b>				

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 79 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	07/18/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
<b>Scheduled Date(s):</b>	07/18/2011	
<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	07/18/2011	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-379

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295  
Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297  
Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006  
Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007  
Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170  
Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165  
Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172  
Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174  
Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327  
Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178  
West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Brad Hill  
Permitting Manager  
708789

LPAXLP



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 14, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-379**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 7/14/2011 11:43 AM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

---

On 7/14/2011 11:22 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

This will be published July 19, 2011.  
Thank you.  
Cindy

4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED.TAX I.D.# 87-0217663

The Salt Lake Tribune  
www.sltrib.com

MEDIAOne  
A NEWSPAPER AGENCY COMPANY  
www.wildonutah.com

Deseret News  
www.deseretnews.com

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	DATE	
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		9001402352	7/19/2011	
ACCOUNT NAME DIV OF OIL-GAS & MINING,		<p>BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-379</p> <p>IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.</p> <p>THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.</p> <p>Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:</p> <p>Greater Monument Butte Unit: Ahley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298 Ahley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214 Ahley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295 Ahley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297 Ahley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006 Ahley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007 Ahley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170 Ahley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165 Ahley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172 Ahley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174 Ahley U 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327 Ahley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178 West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328</p> <p>The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.</p> <p>Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.</p> <p>Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.</p> <p>Dated this 13th day of July, 2011. STATE OF UTAH DIVISION OF OIL, GAS &amp; MINING /s/ Brad Hill Permitting Manager 708789</p> <p>UPAXLP</p>		
TELEPHONE 8015385340				ADORDER# / INVOICE NUMBER 0000708789 /
SCHEDULE Start 07/18/2011 End 07/18/2011				
CUST. REF. NO. 20110713				
CAPTION BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES				
SIZE 79 Lines 2.00 COLUMN				
TIMES 3	RATE			
MISC. CHARGES	AD CHARGES			
TOTAL COST 202.50				

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-379 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINITELY.

PUBLISHED ON Start 07/18/2011 End 07/18/2011

SIGNATURE

*Sandy Laefox*

7/19/2011



VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581489  
My Commission Expires  
January 12, 2014

*Virginia Craft*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"

PLEASE PAY FROM BILLING STATEMENT

3050/REB/GOVICADOM/6511/6131

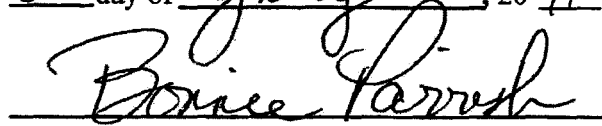
# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 19 day of July, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 19 day of July, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
Editor

Subscribed and sworn to before me this

20 day of July, 20 11  
  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-379

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP

9 SOUTH, RANGE 13 EAST, AND SECTIONS

publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/  
Brad Hill

Permitting Manager  
Published in the Uintah  
Basin Standard July 19,  
2011.



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

August 8, 2011

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley U 12-12, Section 12, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32174

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC







GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-379

**Operator:** Newfield Production Company  
**Well:** Ashley U 12-12  
**Location:** Section 12, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32174  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 8, 2011.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,978' – 5,984')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

6/17/2014  
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY U 12-12
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1996 FSL 0565 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 12 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013321740000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

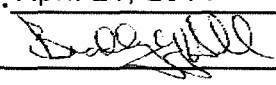
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER:
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/10/2014				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

The subject well has been converted from a producing oil well to an injection well on 04/09/2014. On 04/09/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/10/2014 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** April 21, 2014

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/14/2014	



## Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 4/10/14 Time 10:00 am pm

Test Conducted by: Kevin Pank

Others Present: \_\_\_\_\_

Well: Ashley 12.12-9-15

Field: Monument Butte

Well Location: NE1/4 Sec. 12, T9S, R15E  
Duchesne County, Utah

API No: 43-013-32174

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1524</u>	psig
5	<u>1526</u>	psig
10	<u>1525</u>	psig
15	<u>1525</u>	psig
20	<u>1525</u>	psig
25	<u>1525</u>	psig
30 min	<u>1525</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 0 psig

Result:

Pass

Fail

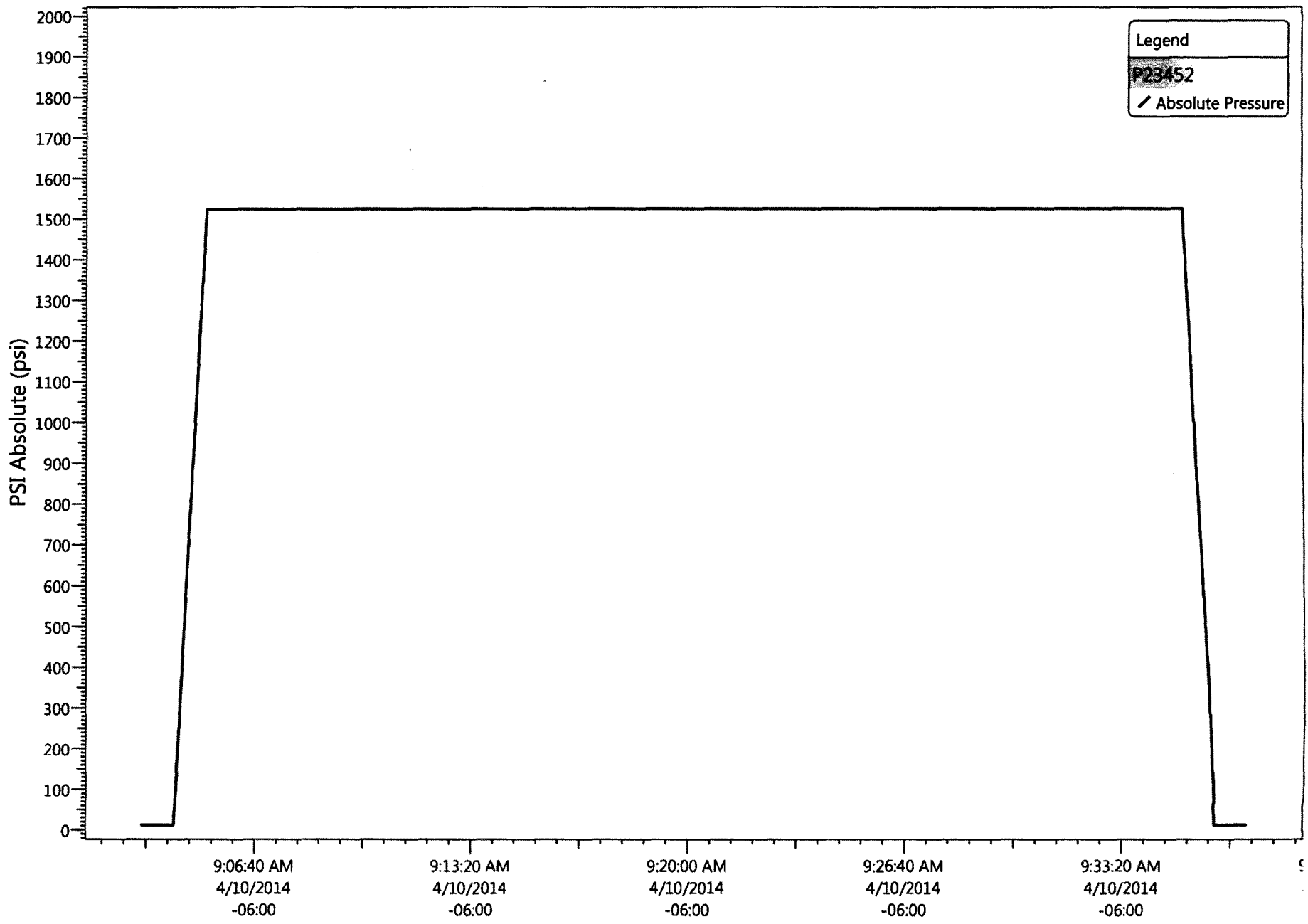
Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Kevin Pank



Ashley 12-12-9-15

4/10/2014 9:02:28 AM



**NEWFIELD****Schematic****Well Name: Ashley 12-12-9-15**

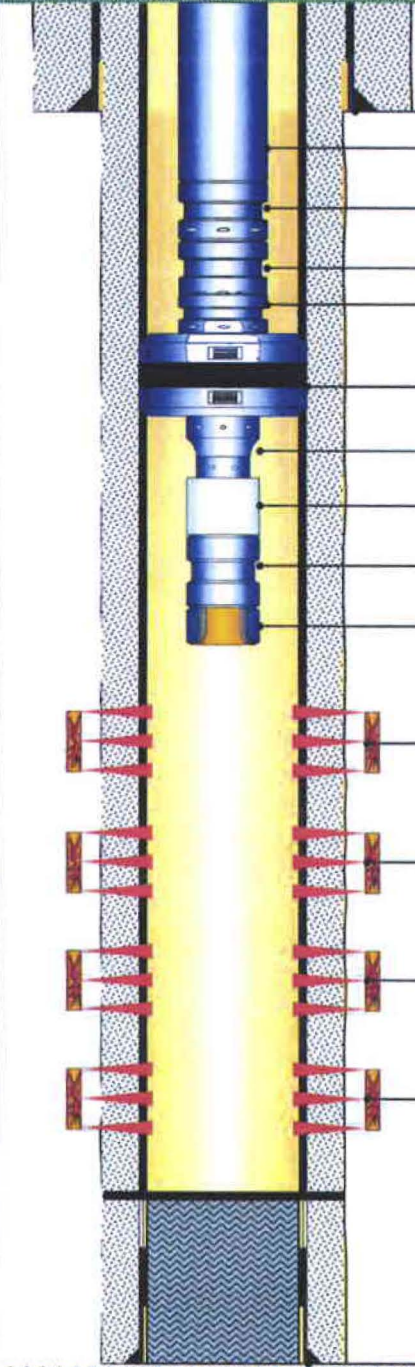
Surface Legal Location 1996' FSL & 565' FWL NW/SW SECTION 12-T9S-R15E		API/UWI 43013321740000	Well RC 500150711	Lease	State/Province Utah	Field Name GMBU CTB2	County DUCHESNE
Spud Date 9/10/2002	Rig Release Date 9/17/2002	On Production Date 10/8/2002	Original KB Elevation (ft) 6,033	Ground Elevation (ft) 6,023	Total Depth All (TVD) (ftKB) PBTD (All) (ftKB) Original Hole - 5,981.7		

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 4/7/2014	Job End Date
---------------------------------------	--------------------------------	-----------------------------	----------------------------	--------------

**TD: 6,000.0**

Vertical - Original Hole, 4/14/2014 9:41:58 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
			DLS (° ...)		
9.8				 <p>1; Surface; 8 5/8 in; 8.097 in; 10-306 ftKB; 296.03 ft</p> <p>3-1; Tubing; 2 7/8; 2.441; 10-4,384; 4,374.46</p> <p>3-2; Pump Seating Nipple; 2 7/8; 4,384-4,386; 1.10</p> <p>3-3; On-Off Tool; 2 7/8; 4,386-4,387; 1.45</p> <p>3-4; X Seal Nipple; 2 7/8; 4,387-4,387; 0.33</p> <p>3-5; Packer; 5 1/2; 4,950; 4,387-4,394; 6.95</p> <p>3-6; Cross Over; 2 3/8; 1.991; 4,394-4,395; 0.51</p> <p>3-7; Tubing Pup Joint; 2 3/8; 4,395-4,399; 4.05</p> <p>3-8; XN Nipple; 2 3/8; 4,399-4,400; 1.22</p> <p>3-9; Wireline Guide; 2 3/8; 4,400-4,400; 0.40</p> <p>Perforated; 4,434-4,449; 10/5/2002</p> <p>Perforated; 4,670-4,911; 10/5/2002</p> <p>Perforated; 5,166-5,351; 10/5/2002</p> <p>Perforated; 5,650-5,909; 10/5/2002</p> <p>2; Production; 5 1/2 in; 4.950 in; 10-6,000 ftKB; 5,989.95 ft</p>	
305.1					
306.1					
4,384.5					
4,385.5					
4,387.1					
4,387.5					
4,394.4					
4,394.7					
4,399.0					
4,399.9					
4,400.6					
4,434.1					
4,449.1					
4,669.9					
4,911.1					
5,166.0					
5,351.0					
5,649.9					
5,909.1					
5,981.6					
5,982.3					
5,999.3					
6,000.0					

**NEWFIELD**
**Newfield Wellbore Diagram Data**  
**Ashley 12-12-9-15**

Surface Legal Location 1996' FSL & 565' FWL NW/SW SECTION 12-T9S-R15E			API/UWI 43013321740000	Lease
County DUCHESENE	State/Province Utah	Basin Uintah Basin	Field Name GMBU CTB2	
Well Start Date 7/24/2001	Spud Date 9/10/2002	Final Rig Release Date 9/17/2002	On Production Date 10/8/2002	
Original KB Elevation (ft) 6,033	Ground Elevation (ft) 6,023	Total Depth (ftKB) 6,000.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,981.7

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	7/31/2001	8 5/8	8.097	24.00	J-55	306
Production	9/17/2002	5 1/2	4.950	15.50	J-55	6,000

**Cement****String: Surface, 306ftKB 7/31/2001**

Cementing Company BJ Services Company	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 306.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Lead	Amount (sacks) 200	Class g	Estimated Top (ftKB) 10.0

**String: Production, 6,000ftKB 9/17/2002**

Cementing Company BJ Services Company	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 6,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE+ 2# sk/kolseal + 1/4#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 300	Class PREMLITE II	Estimated Top (ftKB) 10.0
Fluid Description 50/50 poz W/ 2% Gel + 3% KCL, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	Fluid Type Tail	Amount (sacks) 450	Class 50/50 POZ	Estimated Top (ftKB) 2,500.0

**Tubing Strings**

Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					4/8/2014	4,400.5		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)
Tubing	137	2 7/8	2.441	6.50	J-55	4,374.46	10.0	4,384.5
Pump Seating Nipple		2 7/8				1.10	4,384.5	4,385.6
On-Off Tool		2 7/8				1.45	4,385.6	4,387.0
X Seal Nipple		2 7/8				0.33	4,387.0	4,387.3
Packer		5 1/2	4.950			6.95	4,387.3	4,394.3
Cross Over		2 3/8	1.991			0.51	4,394.3	4,394.8
Tubing Pup Joint		2 3/8				4.05	4,394.8	4,398.9
XN Nipple		2 3/8				1.22	4,398.9	4,400.1
Wireline Guide		2 3/8				0.40	4,400.1	4,400.5

**Rod Strings**

Rod Description				Run Date	Set Depth (ftKB)		
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
4	GREEN RIVER, Original Hole	4,434	4,449	4			10/5/2002
3	GREEN RIVER, Original Hole	4,670	4,911	4			10/5/2002
2	GREEN RIVER, Original Hole	5,166	5,351	4			10/5/2002
1	GREEN RIVER, Original Hole	5,650	5,909	4			10/5/2002

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1							
2							
3							
4							

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 97958 lb
2		Proppant White Sand 247462 lb

**NEWFIELD**



**Newfield Wellbore Diagram Data  
Ashley 12-12-9-15**

Proppant		
Stage#	Total Prop Vol Pumped (b)	Total Add Amount
3		Proppant White Sand 83337 lb
4		Proppant White Sand 36164 lb



## Job Detail Summary Report

Well Name: Ashley 12-12-9-15

Jobs			
Primary Job Type		Job Start Date	Job End Date
Conversion		4/7/2014	
Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
4/7/2014	4/7/2014	MIRUSU	
Start Time	11:30	End Time	19:00
		Comment Moved From M-21-9-16: MIRUSU @ 11:30AM, BMW Pmped 60BW d/Csg, RDP, LD & Stripped Polished Rod, Flushed w/ 40BW, Soft Seat Pmp, 13BW to Fill, PT Tbg to 3200psi, GOOD TEST!, LD Rod String on Trl, H/O Flushed w/ 30BW During Trip , LD Rod Pmp, XO for Tbg, ND B1 Adaptor WH, Release TAC, NU Weatherford BOP, RU Workfloor, SWIFN	
Start Time	19:00	End Time	19:30
		Comment CREW TRAVEL	
Report Start Date	Report End Date	24hr Activity Summary	
4/8/2014	4/8/2014	TOOH W/ TBG. LD BHA, PU & RIH W/ INJ STRING	
Start Time	05:30	End Time	06:00
		Comment CREW TRAVEL	
Start Time	06:00	End Time	18:30
		Comment SICP 50PSI SITP 50PSI, OWU, RU & RIH W/ SL, TAGGED FILL @ 5975' (9') OF FILL ON PB, TOOH W/ 137-JTS (4374.46') BREAKING COLLARS & APPLYING LIQUID O-RING TO PINS, LD REMAINING 47-JTS ON TRL, LD BHS, PU & RIH W/ WEATHERFORD AS-1X INJECTION PKR ASSA: WL REENTRY GUIDE-XN PROFILE NIPPLE- 2-3/8" J-55 TBG SUB 4-2 3/8" x 2 7/8" XO- 5 1/2" WEATHERFORD ARROW SET PKR- X SEAL NIPPLE - ON/OFF TOOL- PSN, 137- JTS, H/O PMPED 5BW PAD, DROPPED SV, RIH W/ SL TO SEAT SV, 17 BW TO FILL TBG, MU ISOLATION T, PT TO 3000PSI, OBSERV PRESS. 60PSI LOSS IN 30 MIN, BLEED D/PRESS, REPRESS TO 3000PSI, 30PSI LOSS IN 30MIN, OPSI IN 30 MIN, REPRESS TO 3050PSI, NO PRESSRE LOSS IN 30MIN, GOOD TEST!, RETRIEVED SV...SWIFN	
Start Time	18:30	End Time	19:00
		Comment CREW TRAVEL H/O HEATED & TRANS 90BBLS OIL FROM WT TK TO TK #2	
Report Start Date	Report End Date	24hr Activity Summary	
4/9/2014	4/9/2014	ND BOP, MU 3K INJ TREE, PT, GOOD TEST	
Start Time	05:30	End Time	06:00
		Comment CREW TRAVEL	
Start Time	06:00	End Time	15:00
		Comment SICP 50PSI, OWU, RD WORKFLOOR, ND BOP, MU 3K INJECTION TREE, BMW H/O PMPED FRESH 60BW W/ MULTI-CHEM PKR FLUIDS D/ CSG, SET AS-1X PKR CE@ 4390' W/ 1500# OF TENSION, NU INJECT TREE, 18BW TO FILL ANNULUS, PT TO 1525PSI, OBSERV PRESS, 10PSI LOSS IN 60MIN, GOOD TEST!, RDMOSU FINAL RIG REPORT NFX REP PERFORM MIT	
Start Time	15:00	End Time	15:30
		Comment CREW TRAVEL	
Report Start Date	Report End Date	24hr Activity Summary	
4/10/2014	4/10/2014	CONDUCT INITIAL MIT	
Start Time	09:00	End Time	11:30
		Comment On 04/09/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 04/10/2014 the casing was pressured up to 1525 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test	